



# TETIANA HRYHORCHUK

BSc Materials Engineering + MSc Chemical NanoEngineering with strong analytical & troubleshooting skills

R&D Engineer with 2 years of distinct relevant international working experience in materials development, mechanical materials testing, electronics thermal conductivity modelling and materials thermo-conductive properties improvement

📍 Rome

🌐 <https://www.linkedin.com/in/tetianahryhorchuk/>

☎ +33(0)630504359

✉ [tanya.grigortchuck48@gmail.com](mailto:tanya.grigortchuck48@gmail.com) & [th896@drexel.edu](mailto:th896@drexel.edu)

## EXPERIENCE

- 01.2020-09.2020 (IT) • **Research And Development Engineer | NeMO Lab (in collab. with COMATEC-LANS Switzerland)**  
UV-Vis Spectroscopy; Spin-coating; ANSYS Modelling; Organic electronics materials preparation; Substrates preparation
- 09.2018-09.2020 (FR) • **Graduate Research Assistant | CNE Erasmus Programme**  
Modelling of fundamental interactions within inorganic materials applications in photovoltaics, 3D printing & Energy Storage
- 07.2019-09.2019 (US) • **Invited R&D Specialist | Drexel Nanomaterials Group**  
Artificial Muscles Investigation, Conductive 2D Nanomaterials Synthesis, IR Temperature Measurements, Raman, Voltammetry
- 09.2016-08.2018 (UA) • **R&D Materials Engineer | Frantcevych IPM**  
Sintering; Zone melting; Ti-TiC cathodes preparation; Optical microscopy; Mechanical polishing
- 09.2014-08.2016 (DE) • **Undergraduate Research Assistant | Frantcevych IPM**  
Planetary milling; Powder metals pressing; Fracture Toughness Testing; AutoCAD & CES GRANTA & PTC Creo 3D Design
- 09.2014-08.2016 (DE) • **Contract Technical Writer | Bielefeld PunktUm**  
Science Writer trainee + 90 working hours training session + Certificate in German Scientific Writing
- 09.2014-08.2016 (DE) • **R&D Manufacturing Associate | GUDF OVGU**  
Mo alloys doping; SEM; Industrial processing investigation at Volkswagen AG, Enercon GmbH & Sintermetalltechnik GmbH
- 09.2014-08.2016 (DE) • **Undergraduate Research Assistant | GUDF OVGU**  
Scientific and Technical Writing Assistant + Foreign Language Workshops Organisation + Laser porous composites processing
- 09.2012-08.2013 (UA) • **Assistant Database Administrator | Izmail Private Polytechnic School (Part-Time)**  
Visual Basic & MS Access Database Processing; HTML CSS Website Design; CorelDraw & Photoshop Visual Graphics Design

## EDUCATION

- 09.2018-09.2020 (FR) **Master of Science | Erasmus CNE (Joint Degree) → AMU France + WUST Poland + Tor Vergata Italy**  
Polymerization; MD Modelling; Biosensors; MOFs; Electrochemical Energy Storage; Sol-Gel; Inject printable electronics
- 09.2013-0.92017 (UA) **Bachelor of Science | Materials Engineering (Honours Degree) → NTUU KPI IFF Ukraine**  
Electronics Engineering Fundamentals; Phase Transfer Kinetics; Heat and Mass Transfer; Materials for Sustainable Energetics

## CERTIFICATIONS

- (US) — Drexel Nanomaterials Institute Laboratory Safety Training | 2019
- (US) — Purdue University Indianapolis Nanoartography International Scientific Image Competition | 2019
- (US) — Northwestern University Certificate in iRASPA Modelling | 2019
- (US) — Python3 & HTMLCSS Tutorials Certificate SoloLearn | 2018
- (US) — Microsoft Visual Graphics Designing 6751 | 2015
- (DE) — Jean Monnet Certificate in European Business Models Benchmarking | 2018
- (DE) — Bielefeld University Certificate in Scientific Writing | 2016
- (PL) — Occupational Health and Safety Training WUST | 2019
- (UA) — Database Administration Certificate Izmail Private Polytechnic School | 2013
- (UA) — Junior Science Academy of Ukraine Poster Session Conference Report on Nanotechnology Risks Prevention | 2012

## TESTS SCORES

- (US) — Graduate Record Examinations GRE General Test | 2019
- (UK) — IELTS 7.0 Academic English C1 Level IELTS Official | 2019
- (DE) — TestDaF German as Foreign Language Test 4.0 Score B2 Level | 2015

## AWARDS

- (FR) — Chemical NanoEngineering Erasmus Mundus JMD Scholarship | 2018
- (DE) — GUDF OVGU Scholarship Award for Advances Achieved in Scientific Engineering Research | 2015
- (DE) — DAAD Scholarship in German Technical Writing | 2016
- (UA) — NTUU KPI Scholarship Awarded for Excellent Academic Achievements | 2013

## CONFERENCES

- (US) — CLEO Conference Electro-Optics | 2020
- (PL) — PhoBiA Nanophotonics | 2019
- (DE) — OVGU Praktikumsbericht Conference | 2015

## PUBLICATIONS

- (BG) — CAD2013 designing [https://drive.google.com/open?id=1LJGaF91nkxBmBk4jp\\_vPsANwriPXsai2](https://drive.google.com/open?id=1LJGaF91nkxBmBk4jp_vPsANwriPXsai2) | 2015
- (UA) — Mo alloys doping <http://qfm.kpi.ua/wp-content/uploads/2016/07/gesamt-thesen.pdf> | 2017
- (UA) — Eutectic Mo-ZrC Alloy [https://drive.google.com/open?id=1xGAIW2oGs7NcFGwje\\_hjfqeSTbbAg2a](https://drive.google.com/open?id=1xGAIW2oGs7NcFGwje_hjfqeSTbbAg2a) | 2016
- (UA) — Mo-17,5Si-8B Eutectic Alloy <https://drive.google.com/open?id=1nsRt4gtuzuCUFs-ztJAKCqPCJIFn5to4> | 2016
- (UA) — Nanotechnology Risks Prevention <http://opcb.kpi.ua/wp-content/uploads/2015/11/36ipnik-ocinb-2015-final.pdf> | 2015
- (UA) — Carbon Nanotubes' Properties <https://drive.google.com/open?id=1gCMFITmDcibrfA0XL-S33ybcH0H-aJ3-> | 2014
- (UA) — Carbone Nanotubes Brillouin zones <https://drive.google.com/open?id=1EKWzNVI0tnVVC1YwE-futl5vtFAvTROi> | 2014
- (UA) — Carbon Nanotubes' Chirality <http://magazine.mdpu.org.ua/index.php/spm/article/view/1130> | 2014

## SKILLS

### LANGUAGES

Russian → (native)    English → (proficient)    French → (elementary)    German → (limited communication)

### SOFTWARE

ANSYS; Biovia; Molden; iRASPA; Linux; NAMDVMD; CES; MS Access; Adobe PS; Maya; PTC Creo; 3DCAD; Gnu; VB6.0; CorelDraw; HTMLCSS

### COMPETENCES

INTERCULTURAL ADAPTATION → multicultural fellowship [ fellows from 20 different countries ]  
 QUICK LEARNING & TEAM-WORK → various educational approaches [ USA, DE, FR, IT, UA, PL, CH ]  
 STRESS RESISTANCE → high workload management [ International European Joint Master Degree ]  
 FIRST AID → WUST Certificate [ Workplace Safety Training ]  
 LABORATORY SAFETY → DREXEL Certificate [ Electrical, Laser, Acids Etching Safety Training ]

### LEADERSHIP

Certified Strategic Leadership Course 2020 accredited by Illinois University at Urbana-Champaign (QS Ranking #75 in the world)  
 Certified Customer Discovery Management Course 2020 provided by Quantic MBA Business School at Washington DC, US

### HOBBIES

### VOLUNTEER WORK

Autodesk Maya 3D Visual Graphics Design; Adobe PS Processing; Sketching; Painting: Vector Drawing; Phone Photography  
 Drexel University Presentation Specialist + Visiting Students Workshop Preparation | 2019

## PROFESSIONAL PROFILE

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Research and Development Engineer with 2 years of distinct relevant international working experience in materials development, mechanical materials testing, electronics thermal conductivity modelling and materials thermo-conductive properties improvement. In particular as R&D Engineer, I was working at Enercon GmbH (Germany), at Frantcevyh IPM (Ukraine), at Drexel Nanomaterials Group (United States). Currently I am working at NeMO Laboratory (Italy) in collab. with COMATEC-LANS (Switzerland). Please consider my following essential skills list:

### FINANCIAL ASPECTS EVALUATION

- ✓ Estimation of economic aspects in terms of energy and materials
- ✓ Development and discussion of optimization strategies
- ✓ Successful marketing strategy created for "Engineering Composite Materials Production" project
- ✓ Economical evaluation of materials development methods using both data investigation and case-study activities
- ✓ 7 Best Awards earned at Regional Contests in Financial Accounting & Data Science for Engineers

### PROFESSIONAL CERTIFICATIONS

- ✓ Certified Strategic Leadership ( Illinois University QS Ranking #75 in the world)
- ✓ Certified Customer Discovery Management by Quantic MBA Business School at Washington DC
- ✓ Jean Monnet Certificate in European Business Models Benchmarking | 2018

### AGILITY, EFFICIENCY & NEGOTIATION

- ✓ 3-months preplanned project completed within 1-month period
- ✓ Direct reporting & presentations to manager leading 120 people working group
- ✓ As deadline required agility I have managed to collaborate with 2 members from another different design groups
- ✓ At research bringing collaborator who did not have any previous connection neither with me no with the group
- ✓ Besides the main project activity, I have managed further collab. btw. the German Institution & my working group

### ANALYTICAL SKILLS & PUBLIC COMMUNICATION

- ✓ Technical Reports; Clear Public Presentations; Bielefeld University Certificate in Scientific Writing | 2016
- ✓ Proficient English, native Russian, basic French & limited German Languages
- ✓ Adaptability to Various Requirements; Quick Learning; Agility; Management
- ✓ MS Office Pack; MS Access; Financially Efficient Product Design; Product Quality Control

## CORE SKILLS

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|-----------------------------|---------------------------------------|----------------------------|----------------------|
| ➤ Nanotechnology            | ➤ Voltammetry                         | ➤ Public Speaking          | ➤ ANSYS              |
| ➤ Materials Analysis        | ➤ Finite Elements Analysis            | ➤ Technical Writing        | ➤ AutoCAD            |
| ➤ Organic Electronics       | ➤ Mechanical & Structural Testing     | ➤ Public Presentation      | ➤ PTC CREO           |
| ➤ Composite Materials       | ➤ Thermal Conductivity Measuring      | ➤ Reports Preparation      | ➤ CES GRANTA         |
| ➤ Conductive Materials      | ➤ MSc Chemical NanoEngineering        | ➤ Basic Linux Scripting    | ➤ Autodesk Maya      |
| ➤ BSc Materials Engineering | ➤ Engineering Drawings Interpretation | ➤ Efficient Product Design | ➤ Data Visualisation |

## CAREER SUMMARY

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- **2020 – Present** **NeMO (New Materials for Optoelectronics) Rome in collab. with COMATEC-LANS Switzerland**  
**R&D Engineer**

*Outline:*  
Design and characterization of transparent conductive electrodes based on conductive polymers. Work performed on thin conductive polymers film deposition via spin-coating. Thin films profilometry characterization, ellipsometrical validation of profilometry data on thickness measurements, electrical and optical UV-vis-IR characterization of materials and devices. Thermal conductivity calculations and validation of the model in ANSYS.

*Key Responsibilities:*

  - Substrates chemical preparation; conductive inks spin-coating performed within a clean room; electrical I-U characterization
  - Thin film thickness profilometry; 3D Printed circuits temperature-resistance behaviour analysis by thermal response calculations
  - Finite Elements Thermal Analysis via ANSYS for post-validation of thermal response calculations; temperature profile calculations
  - Estimation of economic aspects in terms of energy and materials; development and discussion of optimization strategies

*Key Achievements:*

  - ✓ There were 30 successful samples prepared and characterized via different experimental techniques; Erasmus EU Research Grant earned
  - ✓ I have brought new ellipsometry expert collaborator who did not have any previous connection neither with me no with the group
  - ✓ The efficiency of the PEDOT:PSS circuits while using PET substrates was proved via ANSYS Finite Elements Thermal Analysis
- **2018 – 2019** **Erasmus Mundus Initiative at Aix-Marseille University France**  
**Graduate Research Assistant**

*Outline:*  
Research activity focused on modelling of fundamental interactions within inorganic materials, molecular dynamics modelling, absorption phenomena and applications of nanoscale materials in real life commercial fields, which include photovoltaics, 3D printing and energy storage devices. Modelling skills are accompanied with industrial chemical processes skills obtained in chromatography, dip-coating and polymerisation.

*Key Responsibilities:*

  - Technical reports preparation; public presentation of projects assignments; research on 3D printing for soft robotics
  - Linux Scripting; Monte Carlo and SciLab simulations; molecular models visualisation via NAMD/VMD and iRASPAs modelling software
  - Photovoltaics materials preparation; chromatography, dip-coating, polymerisation and characterisation of obtained samples
  - Economical evaluation of materials development methods using both data investigation and case-study activities

*Key Achievements:*

  - ✓ 3 workshops on advanced modelling of materials properties accomplished
  - ✓ Honourably mentioned for the best performance within "Fabrication of Nano-Engineering Systems" project
  - ✓ 15 complex research projects completed as a member of multiple project teams followed by direct reporting to the main supervisor

- August – September 2019** **Drexel Nanomaterials Group United States**  
**Invited R&D Specialist**

*Outline:*  
Investigation of MXene materials conductive properties and its application in artificial muscles for soft robotics design. Preparation of conductive MXenes from MAX phases. Modification of conductive properties via centrifugation adjustment. Conductive materials coating, IR temperature measurements, Voltammetry via Keithley SourceMeter. Conductivity vs. Mechanical Load measurements via INSTRON Tensile Strength Tester.

*Key Responsibilities:*

  - MAX phases chemical HF etching and LiCl intercalation followed by centrifugation and sonication to adjust conductive properties
  - MXene coating for conductive substrate preparation; artificial muscles design; 3D Autodesk Maya design process visualisation
  - Designing set-up for voltammetry and OMEGA LD701 voltage measuring displacement sensor; calibration of voltage outputs; SEM; Raman
  - IR temperature data interpretation; strain of the material vs. applied stress measurements; electrical feedback vs. strain measuring

*Key Achievements:*

  - ✓ 3-months preplanned project completed within 1-month period; direct reporting & presentations to manager leading 120 people working group
  - ✓ As deadline required agility I have managed to collaborate with 2 members from another different design groups to speed up the project
  - ✓ 1 week high-school students workshop organised; nominated for participation in international “Nanoartography” scientific design competition
  
- 2017 – 2018** **Frantcevyeh IPM Ukraine**  
**R&D Engineer**

*Outline:*  
Design and characterisation of TiC<sub>2</sub> electrodes. Optimisation of the structure of electrodes for achieving its maximum capability. Fracture toughness measurements of the electrode material. Preparation of conductive Ti<sub>3</sub>C<sub>2</sub> via planetary milling followed by its chemical composition analysis using Rigaku X-Ray Diffractometer. Quantitative chromatographic phase composition data post-processing.

*Key Responsibilities:*

  - Helium Shielded Laser Beam Welding of AutoCAD pre-designed electrode configurations
  - Thermodynamic phase equilibrium calculations for evaluation of stoichiometric phase composition of the synthesized materials
  - Composite materials preparation for planetary milling and setting up of thermomechanical synthesis process
  - Preparation of powder phase composite samples for the following phase composition analysis

*Key Achievements:*

  - ✓ Industrial designing approach successfully used for the laboratory method of materials design improvement
  - ✓ While using same initial synthesis components 2 materials showing different sort of conductive properties were prepared for assigned project
  - ✓ 4 engineering techniques (powder metallurgy, materials & chemical analysis, thermodynamics calculations) used for conductivity improving
  
- 2016 – 2017** **Frantcevyeh IPM in collaboration with NTUU KPI IFF Ukraine**  
**Undergraduate Research Assistant**

*Outline:*  
Essential powder metallurgy and composite materials engineering techniques practising. Powder composite materials mechanical pressing, vacuum oven-drying, high-temperature composites sintering, mechanical polishing, 3-points bending mechanical testing to measure the Young's modulus of a material, self-propagating high-temperature synthesis (SHS), PTC CREO & CESGRANTA mechanical materials properties analysis

*Key Responsibilities:*

  - Composite materials samples preparation and mechanical properties characterisation via various industrial materials engineering approaches
  - Modelling properties for composite materials of chosen composition via CES GRANTA; DC powered SHS synthesis
  - Mechanical bending PTC CREO FEA; PTC CREO helical gear design using pre-analysed via CES GRANTA materials composition data
  - Technical Drawings preparation for engineering design process via AutoCAD with respect to ISO metrology and standardisation regulations

*Key Achievements:*

  - ✓ 2 industrial intensive practical trainings (9 working weeks) completed with excellence award; 10 professional certifications earned
  - ✓ 8 research articles on conductive materials, 3D modelling, high-temperature super-hard alloys improvement and safety by design published
  - ✓ Successful marketing strategy created for “Engineering Graphics Modelling of Composite Materials Production” project
  
- August 2016** **Bielefeld PunktUm in collaboration with GDUF OVGU Germany**  
**Contract Technical Writer**

*Outline:*  
Technical German Writing intensive training session attended. 90 working hours dedicated to improvement of scientific and technical writing skills.

*Key Responsibilities:*

  - Crucial technical foreign language writing techniques studied; technical reports structuration and efficient information performance learned
  - 3 workshops on active technical thinking and innovation methods in scientific writing completed

*Key Achievements:*

  - ✓ DAAD German Government financial award earned
  - ✓ Best Results Award among 30 participants earned at “Essential Technical Information Processing” Competition
  
- June – July 2016** **GDUF OVGU in collab. with Volkswagen AG, Enercon & Sintermetalltechnik GmbH Germany**  
**R&D Manufacturing Associate**

*Outline:*  
High-temperature super-hard eutectic Mo alloys developing improved by various elements doping as a cheaper efficient alternative for commercially available Ni super-alloys used in gas & jet turbines production. Scanning Electron Microscopy characterisation & Inert Gas Chamber samples preparation. Validation of developed materials production applicability at Volkswagen AG, Enercon GmbH & Sintermetalltechnik GmbH

*Key Responsibilities:*

  - Thermodynamic eutectic phase equilibrium calculations
  - Melting of pressed composite powder materials samples in Commercial Float Zone Furnace via Induction Heating
  - Electrical Discharge Machining (EDM) to cut super-hard synthesized eutectic samples by a series of rapidly recurring current discharges
  - In-depth investigation of production lines and implementation of improved alloys at Volkswagen AG, Enercon & Sintermetalltechnik GmbH

*Key Achievements:*

  - ✓ Based on the design project proposals 2 Government Research Grants were won;
  - ✓ Second best project team result achieved among 6 teams while project assignment completing
  - ✓ Besides the main project activity, I have managed further collab. btw. the German Institution & my working group in Ukraine for the next year
  
- 2014 – 2016** **NTUU KPI IFF in collaboration with GDUF OVGU Germany**  
**Undergraduate Research Assistant**

*Outline:*  
Technical writing and design projects preparation training, technical writing workshops organisation, laser materials processing techniques investigation, study on porous composite materials in automobile production. Research Cooperation Initiative btw. Germany & Ukraine.

*Key Responsibilities:*

- Quarterly professional seminars attendance on materials manufacturing & processing, materials industrial applications & technical writing
  - Technical foreign language workshops organisation focused on proposals writing & efficient international engineering communication
  - Metals, metal alloys & plastic materials 3D printing technologies investigation for Electrocar Senior Design Team
- Key Achievements:**
- ✓ 3d Best Award btw. 70 participants for presentation of 2 yrs design project results; 3 professional test scores earned (IELTS, TestDaF, GRE)
  - ✓ The KPI Engineering Research Grant earned; 3 international conferences attended on Electro-optics, Nanophotonics & Materials Engineering

• **2012 – 2013** **Izmail Private Polytechnic School Ukraine**  
**Assistant Database Administrator (Part-Time)**

**Outline:**

Administration of School Database, official School Website content management, MS Office in-depth training, bi-weekly public reports performed

**Key Responsibilities:**

- Visual Basic & MS Access Database Processing; HTML CSS Website Design; CorelDraw & Photoshop Visual Graphics Design

**Key Achievements:**

- ✓ Junior Science Academy of Ukraine Poster Session Conference Report on Nanotechnology Risks Prevention
- ✓ 7 Best Awards earned at Regional Contests in Financial Accounting, Data Science, Vector Calculus for Engineers

## EDUCATION

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✦ **MSc ↔ ERASMUS CHEMICAL NANOENGINEERING (JOINT DEGREE) ↔ AMU FRANCE + WUST POLAND + TOR VERGATA ITALY**

**Outline:**

90 ECTS (2700 study hours) Joint 2 years Master of Science Programme in Engineering involves studying within 3 Partner Universities (30 ECTS Semester hours physically spent for studying per each Institution): Aix-Marseille University France, Wroclaw University of Science and Technology Poland, Tor Vergata University Italy. By graduation, 4 Accredited Diplomas are obtained: French University MSc Diploma, Polish University MSc Diploma & Italian University MSc Diploma as well as Joint Master Degree Diploma for completing Joint MSc Studying Programme.

**Subjects Studied:**

- ◆ **Aix-Marseille University France [Syllabus focused on Chemistry Fundamentals] Score 12.5 / 20**
  - ⊕ Solid State Chemistry; Nano-Thermodynamics; Organic Chemistry; Nano-Electrochemistry
  - ⊕ Molecular Modelling; Quantum Chemistry; Computational Chemistry; Basic French Language for Business Communication
  - ⊕ Presented 3D Smart Materials Printing and Lithography Techniques Seminar
- ◆ **Wroclaw University Of Science & Technology Poland [Syllabus focused on Chemical Engineering] Score 4.5 / 5**
  - ⊕ Fabrication of Smart Polymers; Fabrication of Nano-Engineering System; Biomaterials-Biomedical Devices
  - ⊕ Nanostructures in Industrial and Numerical Applications; Engineering of Nano-Machines; Crystallography of Solids
  - ⊕ Bio-Photonics; Accounting & Management; Attended Polish Language Tandem Speaking Partner Programme
- ◆ **Tor Vergata University Italy [Syllabus focused on Industrial Engineering Applications] Score 25.8 / 30**
  - ⊕ Characterization of Nano-Engineering Systems; Nanoscale Synthesis Methods
  - ⊕ Macromolecular and Supramolecular chemistry; Nanoscale Energy Technology; Nano-Sensors and Micro-Fluidics
  - ⊕ Nanoscale Structural Transformations & Kinetics, Probability & Statistical Methods for Modelling Engineers

✦ **BSc ↔ MATERIALS ENGINEERING (HONOURS DEGREE) ↔ NTUU IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE**

**Outline:**

247.5 ECTS (8091 study hours) 4 years Bachelor of Science Programme in Materials Engineering National Technical University of Ukraine KPI at Faculty of Physical Engineering, Department of High-Temperature Composite Materials. 2 Course Projects on Descriptive Geometry ISO Standardisation & Powder Metallurgy Production as well and 2 Industrial Trainings Completed (426 study hours spent on Projects & Trainings)

**Subjects Studied:**

- ◆ **NTUU KPI IFF Ukraine [Syllabus focused on Thermodynamic & Mechanical Properties of Composite Materials] Score 96 / 100**
  - ⊕ Engineering & Computer Graphics; Electricity & Magnetism; Electric Engineering & Electronics
  - ⊕ Applied Mechanics & Strength of Materials; Products Diagnostics & Defectoscopy; Condensed Matter Physics
  - ⊕ Optics; Metal & Non-Ferrous Alloys; Heat & Mass Transfer; Heat Treatment; Laboratory Safety
  - ⊕ Standardisation, Metrology & Product Quality Control; Structural Materials Analysis; Protective Coatings Deposition
  - ⊕ Powder & Composite Materials Production; Corrosion & Metal Protection; Non-Metal Materials; Nuclear Physics
  - ⊕ High-temperature Super-hard Composites; High Energy Materials Synthesis; Microprocessor Technology;
  - ⊕ Materials for Renewable Energy Applications; Phase Diagrams, Phase Transfer Kinetics & New Materials Development
  - ⊕ Sustainability; History of Science & Technology; Politology; Philosophy; Law; Business Marketing; Production Management

## HIGHLIGHTS

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- ♥ **10** PROFESSIONAL **CERTIFICATES** OBTAINED
- ♥ **8** RESEARCH **ARTICLES** PUBLISHED
- ♥ **3** INTERNATIONAL ENGINEERING **CONFERENCES** ATTENDED
- ♥ **4** GRANT RESEARCH **AWARDS** EARNED
- ♥ **5** COUNTRIES WORKED IN
- ♥ **2** ACCREDITED **CERTIFICATIONS IN MANAGEMENT** & LEADERSHIP
- ♥ **4** LANGUAGES (AT DIFFERENT LEVELS FROM ELEMENTARY TO BILINGUAL)
- ♥ **4** INTERNATIONAL UNIVERSITIES STUDIED IN (BSc MATERIALS ENGINEERING + MSc CHEMICAL NANOENGINEERING)
- ♥ **6** ENGINEERING MODELLING **SOFTWARES** FAMILIAR WITH (AutoCAD; ANSYS; PTC CREO; CES GRANTA; LINUX; MS ACCESS VB6.0)
- ♥ **5** COMPETENCES (COMPOSITES; THERMODYNAMICS; ISO STANDARTISATION; ENGINEERING COMPUTER GRAPHICS; CONDUCTIVE MATERIALS)
- ♥ **6** ESSENTIAL **SKILLS** (TEAMWORK; STRESS RESISTANCE; QUICK LEARNING; PUBLIC PRESENTATION; DATA VISUALISATION; PRODUCT DESIGN)

FOR ADDITIONAL INFORMATION PLEASE REFER TO SUMMARY CV AND/OR VIA DIRECT EMAIL REQUEST

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