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WORK EXPERIENCE

Scientific Research Assistant

INCDMNR - IMNR [13/10/2019 – Current]

City: Ilfov

Country: Romania

Participation in research contracts as a member of the research team and specialist in qualitative characterization of samples through optical microscopy and scanning electron microscopy (SEM) techniques.

Internships

[01/01/2019 – 20/05/2019]

City: Bucharest

Country: Romania

Internship - S.C. Mairon Tubes S.R.L. (01/01/2019 - 20/05/2019)

Internship - DOOSAN IMGB

EDUCATION AND TRAINING

Master - Engineering and Management in the Production of Metallic Materials

Universitatea Politehnica București [01/10/2019 – Current]

Address: Bucharest (Romania)

Economics Engineer

Universitatea Politehnica București [01/10/2015 – 04/07/2019]

Economics Technician

Colegiul Economic "Hermes" [14/09/2011 – 14/06/2015]



LANGUAGE SKILLS

Mother tongue(s):

Romanian

Other language(s):

English

LISTENING C1 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

DIGITAL SKILLS

Medium knowledge of MySQL MatLab / SolidWorks (Intermediate) / Microsoft Office / Basic AutoCad / Adobe Photoshop 2018

PROJECTS

PN-III-P2-2.1-PTE-2019-0314 Intelligent hydrogels with applications in wound healing and infection prophylaxis

[2020 – Current]

H2020: 862289 - FAST and Nano-Enabled SMART Materials, Structures and Systems for Energy Harvesting

[01/04/2020 – Current]

ORGANISATIONAL SKILLS

Good planning, organization and coordination with the work team in order to achieve professional goals.

COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills in order to achieve professional goals.

COURSES AND TRAINING

RoneXprim training course: Scanning Electron Microscope (SEM) - Energy Dispersive Spectrometry (EDS)

[02/12/2019 – 03/12/2019]

software interface SEM - EDS

components of an electron microscope

work principles SEM -EDS

electronic optics, secondary electrons signals, types of detectors, forming image in SEM

settings and work parameters for SEM imagistic

EDS spectrum acquisition