europass

Cezary Janusz

WORK EXPERIENCE

16 SEP 2022 – CURRENT Remote work, Poland

JUNIOR WIND AND SOLAR ENERGY ANALYST AF RENEWABLES

- quantitative analysis of solar energy production for different geografical sites by means of computer modelling
- analysis of potential wind farm sites regarding the legal, environmental and economical aspect
- detailed report preparation for customers
- work on data analysis methods used inside the company (Excel, Python)

Business or Sector Professional, scientific and technical activities

1 JUL 2021 – 31 JUL 2021 Gdynia, Poland

INTERN - CHEMICAL ANALYST J. S.HAMILTON

- sample preparation for analysis (drying, degreasing etc.)
- laboratory glass preparation
- work with companies' database
- reagents preparation

1 JUL 2019 – 31 JUL 2019 Luzino, Poland

INTERN BERTRAND OKNA I DRZWI

- updating the company's paint database
- research of new materials to be applied
- familiarization with window and door production process

16 JUN 2016 – 31 OCT 2017 Gdynia, Poland

CASHIER KFC

- receiving and issuing orders from customers
- preparing drinks and desserts
- cleaning the restaurant

EDUCATION AND TRAINING

1 OCT 2020 – 21 OCT 2022 Gdańsk, Poland

MASTER OF ENGINEERING Politechnika Gdańska

- Molecular statics and dynamics simulations using LAMMPS
- Basic programming in C++, C#, Python languages
- Laboratory methods: X-ray powder diffraction, spectroscopy (EDX, FTIR, UV-Vis), optical, electron and atomic force microscopy
- Microscope image analysis (Gwyddion software)
- Nanostructure preparation methods: CVD, PVD, sol-gel method
- LabVIEW software
- non-destructive testing methods (ultrasound probes, thermal imaging camera, hardness measurement, electromagnetic probes)

Address Gdańsk, Poland | **Website** pg.edu.pl | **Field of study** Nanotechnology | **Final grade** dobry plus (4,5) |

Thesis Theoretical calculations of structural and thermodynamic properties of pentafullerens

26 SEP 2016 - 5 FEB 2020 Gdańsk, Poland

BACHELOR OF ENGINEERING Politechnika Gdańska

- Molecular statics and dynamics simulations using LAMMPS
- Basic programming in C++, C#, Python languages
- Laboratory methods: X-ray powder diffraction, spectroscopy (EDX, FTIR, UV-Vis), optical, electron and atomic force microscopy
- Microscope image analysis (Gwyddion software)
- Nanostructure preparation methods: CVD, PVD, sol-gel method
- LabVIEW software
- non-destructive testing methods (ultrasound probes, thermal imaging camera, hardness measurement, electromagnetic probes)

Address Gdańsk, Poland | **Website** pg.edu.pl | **Field of study** Nanotechnology | **Final grade** dobry |

Thesis Checking the applicability of empirical potentials for describing interatomic interactions in tetrahexcarbon

LANGUAGE SKILLS

Mother tongue(s): **POLISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1
GERMAN	A2	A2	A1	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Social Media | Google Drive

Office software

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Outlook

Scientific

LAMMPS | Molecular statics | Python | C++ | Molecular dynamics | LabVIEW | Gwyddion

ADDITIONAL INFORMATION

PROJECTS

1 OCT 2021 - 1 FEB 2022

Influence of metal oxide layers on the RVC electrode performance in water purification Group project at the university, including the samples preparation, structure examination using scanning electron microscopy and UV-Vis spectroscopy for examination of water purification process

HOBBIES AND INTERESTS

Academic Choir of Gdańsk University of Technology - choir member since October 2016

- participation in numerous concerts (both acapella and with orchestra) and competitions, most importantly: Grand Prix Polskiej Chóralistyki in November 2021, Requiem dla Niepodległej in November 2022
- participation in recordings
- extra responsibility as a choir librarian in 2020-2022 (a person responsible for sheet music resources)

Link https://www.youtube.com/@AChPG

DRIVING LICENCE

Driving Licence: B

20.12.2022