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Term address

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ACADEMIC BACKGROUND

University of Patras, Greece**2016-present**

- PhD Molecular and Macromolecular Sciences, Thesis "Atomistic Molecular Dynamics and Monte Carlo simulations for modelling of polymer chain conformations"

University of Bath, UK**2011-2016**

- MEng (Hons) Chemical Engineering, Thesis "Development and Production process of a new instant powder coffee blend", Grade: 72 out of 100, First class
- BEng (Hons) Chemical Engineering Thesis "The Unsustainability of Fouling in Pre-Heat-Train exchangers in crude distillation unit of a refinery", Grade: 69 out of 100, Upper Second Class

Public Lyceum School, Cyprus**2006-2009**

- Grade: 19.4 out of 20, First class

INDUSTRIAL EXPERIENCE

Process Data Engineer at Wessex Water PLC, GENeco**May 2014 – August 2015**

Duties:

- Development and implementation of a real time monitoring tool, Amulet Predictive Analytics, at the biggest wastewater treatment plant of Wessex Water, food waste plant and gas-to-grid plant
- Consultation of diagrams and technical documentation such as schematics, manuals, standards and codes
- Regulation and optimisation of engineering processes in a wastewater treatment plant
- Maintenance of the real time monitoring, computer-based, control system
- Assistance in engineering plant design, modification and hazard analysis
- Documentation and technical manuals for the usage of the real time monitoring tool
- Collaboration with a team of scientists, engineers and operators for providing technical support on the usage of the real time monitoring tool

Key Results:

- Increased of process efficiencies which had led to the minimisation of operating costs in chemical, electricity and water usage (~£30k savings)
- Assisted in achieving performance targets in the area of compliance and energy generation
- Shortlisted in the innovation projects of the company
- Nominated for the "Be Inspired Awards" of Bentley's company
- Enhanced my engineering knowledge in wastewater field
- Developed soft skills in effective communication, teamwork, management and decision making

Junior Engineer at Desalination plant (Dhekelia, Cyprus)**July 2011 – September 2011**

Duties:

- Sample collection and analysis
- Probe calibration
- Instrumentation and control of process equipment
- Regulation of flows and loadings to various sections at the plant
- Supervision of the treated water quality in order to adjust the appropriate amount of lime usage

Skills developed:

- Laboratory skills and teamwork
- Adaptability and communication

TRAINING & SEMINARS

November 2016: 11th Hellenic Polymer Society International Conference, Heraklion, Greece

September 2016: Oral Presentation on "1st BioSmartTrainee Workshop", Patras, Greece

COMPUTER SKILLS

Industrial Control Software: SCADA, HMI, Aspen

Programming: Fortran 77/90, C++, Matlab, Pascal

Commercial Software: MS Office (Word, Excel, Access, Outlook, Power Point, Visio), Origin

Computer-Aided Design (CAD): Solid Edge

Molecular Modelling Software : GROMACS, LAMMPS, MAPS, VMD, NAMD, AMBER

LANGUAGES

Greek: Native Language

English: Highly proficient in spoken and written English

MILITARY SERVICE

Cypriot National Guard (Sergeant)

July 2009 – July 2011

Duties:

- Leader in a small army unit, consisting of 20 soldiers, where I was responsible for the individual training, personal appearance and cleanliness of my army unit
- General and technical supervision of junior enlisted personnel in military life and personal care

Skills developed:

- Leadership and management
- Adaptability
- Teamwork and communication

VOLUNTEERING

Charity

Paralimni,

Famagusta

June-July 2007

Teamwork – Worked in a team to organise a charity for disabled young people

Communication – Interacted and contacted many people in order to ensure the success of the charity

Leadership – Organised and managed a group of people to collect money for the charity

ADDITION INFORMATION

Qualifications – First aid training course qualification

Awards – 3rd best tennis player of Cyprus Under-12 Championship for the year 2003

Driving License – Full clean driving license

EXTRACURRICULAR ACTIVITIES

Football – Captaining my teams enabled me to enhance my communication and organisation skills

Tennis – Being one of the top players in Cyprus helps me to be competitive, strong and ambitious

Travelling – Since I can remember I have had a fascination to explore the whole world as I enjoy visiting new countries, exploring new cultures, meeting new people and keeping an open mind