

Panagiotis Nikolis

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SKILLS PROFILE

- Good **communication skills** through the part-time work experience in Hellenic Telecommunications Company, where the main task was to communicate with hundreds of people daily by telephone and to promote telecommunication services
- Excellent **managerial skills** through the internship in the Data Centre of Granada, where the main task was to administrate systems, develop networks, make important decisions, support and motivate users
- Knowledge of the **power programs**:PSCAD,IPSA, ETAP,PowerWorld, DIgSILENT Powerfactory, Orcad,Matlab/SIMULINK
- Good knowledge of **six European languages** and **ability to adapt easily to multicultural environment** through the learning of English, Spanish, Italian and German in private schools and through the travelling and living in various European countries
- **Eight years** of continuous studying in various fields of Electrical Engineering Universities, where it was given the opportunity to become a multiskilled engineer in Power Systems, Telecommunications, Electronics, Computers and Automations.

EDUCATION

2013-2014 MSc Sustainable Electrical Power (Merit)

Brunel University, London

- **Key modules:** Sustainable Power Generation, Power System Analysis & Security, Energy Economics & Power Markets, Power System Operation & Management, Sustainable Electrical Power Workshop, Power System Stability & Control, Project Management, Power Electronics & FACTS

• Projects:	Energy Economics - Locational Marginal Prices	Power Markets – Power-Pool Business Game & Analysis	RETScreen Study on Offshore Wind Farm	Three Phase Full Wave Controlled Rectification	Power System Analysis using PowerWorld and Matlab	Fundamentals of Three Phase Transformers
Project Management: Museum Guide Project Plan	Modelling & Analysis using DIgSILENT PowerFactory & PowerWorld	Energy and Power Market Modelling and Analysis	Programming Load flow Methods using Matlab	Transient Stability Analysis Optimal Power Flow Analysis using PowerWorld	Optimal Power Flow Applications and Analysis	Introduction to the Sustainable Electrical Power Laboratory
Three Phase Induction Machine	Impact of Wind Energy Systems on Load Flow	Transmission Line Modelling Using PSCAD	Introduction to Programming in MATLAB	Automatic Generation Control (AGC)	Electricity Generation Future Scenarios	Economic Dispatch using Matlab
DC/AC Inverter Systems	Boost Converter	Voltage Control Simulation	Power System Analysis using IPSA	Modelling of a DC Servomechanism		

- **Dissertation title:** ‘Assessment Study of Embedded Generation in Greece’

-Simulation of the embedded generation in the distribution network of Central Greece using DIgSILENT Powerfactory

2006-2012 MEng Electrical & Computer Engineering (Class 2.1)

University of Patras, Greece

- **Key modules:** Electrical Circuits & Measurements, Renewable Energy Sources, High Voltages, Electrical-Machine, Dynamics, Cooling & Heating Systems, Digital Control Systems, Electromechanical Materials, Dynamics & Control of E-L Systems, Signals & Systems, Engineering Mechanics, Control Technologies in Wind Systems, Electrical Installations, Automatic Control Systems, Physics of Photovoltaics, Power Circuit Analysis, Advanced Control of Electric Machines, Industrial Management & Economy, Power Electronics

2010-2011 Computer & Telecommunication Engineering (Erasmus MSc)

University of Granada, Spain

- **Key modules:** Audit Informatics, Design of Applications for Internet, Design of User-Interfaces, Design & Evaluation of Configurations, Maintenance of Computer Equipment, English(Level 3), German(Level 4), Italian(Level 4)

TRAINING & EMPLOYMENT

Jan 2015 - Present Sales Manager

Family business Bee-Shop Nikolis, Karditsa, Greece

Sept 2014 - Dec 2014 Trainee Engineer – Project Engineer

Enotrac UK Ltd, Sutton, Surrey, London, UK

- **Project: Indian Metro Line Study for Alstom Transport (Innovation & Production)**
 - Check and review the existing network dimensioning and determine which sub-stations and energy recovery (HESOP) technologies to use
 - Provide of support on this task by conducting a power system study
- **Project: `Crossrail, Network Rail, London Underground (Hammersmith & City Line) Study`**
 - Electromagnetic compatibility of the three parallel lines between Paddington Station and Westbourne Park Station
 - Measurement of the currents inducted from the Crossrail line to the London Underground line for safety reasons

Jun -Jul 2012 Basic Training on High-tech mobile devices

Teleperformance, Athens, Greece

- Advanced knowledge of operating systems

Main activities and responsibilities:

- Installation, configuration and maintenance of servers under operating systems Linux and Windows
- Administration of the network storage and backup
- Virtualization of servers (VMware software)
- Structured cabling and network electronics (CISCO system)
- Technical support for users
- Maintenance of the municipal LAN network
- Administration of the Active Directory for the control of users and teams
- Monitorization of Systems and development of safety measures (NAGIOS management system)

Aug 2011-Feb 2012 Telecommunication's Consultant (Part-time)Hellenic Telecommunications Company, Patras, Greece

- Broadband services, fixed and mobile telephony, high-speed data communications and leased lines services, Troubleshooting & Telesales

Nov 2011-Feb 2012 Renewable Energy Independent Consultant (Part-time)

New Planners, Patras, Greece

- Consulting costumers on economical issues about the installation of new solar farms

Apr 2010 Basic Training in Aeronautics Arts et Metiers ParisTech, Aix-en-Provence, France

- Field trip at the largest global helicopter manufacturing and support company 'Airbus Helicopters'

ADDITIONAL SKILLS

Technical Engineering Skills:

- Excellent knowledge of **Microsoft Office**, including Word, Excel, PowerPoint, Access(ECDL EXPERT)
- Excellent knowledge of **Operating Systems**: Windows, Mac OS, Linux, iOS, Android
- Basic knowledge of **Web Design** with: Dreamweaver, Joomla, HTML
- Basic knowledge of **programming languages**: C, C++, Java, PHP, MATLAB/SIMULINK
- Knowledge of the **power programs**: PSCAD, IPSA, ETAP, PowerWorld, DIgSILENT Powerfactory, Orcad

Analytical & Problem Solving:

- Logical and methodical approach to solving engineering problems through my projects in the Universities
- Speed and accuracy of numerate skills developed through the work in my previous jobs

Teamwork: Participation in team projects, such as 'Sustainable Electrical Power Workshop' & 'Project Management'

Interpersonal: Dealing with customers over the telephone whilst working at the Hellenic Telecommunications company

Adaptability: Demonstrated that I can adapt easily to different cultures and living environments by fully integrating into the University life of Granada in Spain and into the Brunel University in UK.

LANGUAGES

- Greek (Native),English (Fluent),Spanish (Fluent),Italian(competitive level),German(good level),Portugues(initial level)

MEMBERSHIP OF PROFESSIONAL BODIES

- Student membership in the Institute of Physics (IOP)
- Board of European Students of Technology (BEST)
- Membership of the American Council on the Teaching of Foreign Languages (ACTFL)

AWARDS

- Scholarship for the European Interexchange Program of Erasmus Studies in the University of Granada by the Greek Government
- Scholarship for the European Placements Program in the Data Centre (Town Hall) of Granada by the Greek Government

INTERESTS & ACTIVITIES

- Football, Swimming, Cycling, Skiing, Gym
- Travelling. After having visited France for an aeronautics-conference, Spain for reasons of studies and work and UK for Master studies, my next target would be to visit Germany, Netherlands and Australia.
- Volleyball. After 6 years in the high school team and one year in the Brunel University team, the Volleyball has become one of my favourite sports.
- Learning foreign languages. In my free time, the German, the Spanish and the Italian are the languages that are in the centre of my interest at the moment.
- Enjoy spending lots of free time as bee-keeper, when I am in Greece in order to help my father that is a bee-keeper.

OTHER SKILLS

- European Driving License

REFERENCES

- Available upon request