BOHDAN PARIS

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Dual Nationality: British and Czech

Professional Experience

October 2023 – Now
Teacher of Computer Science and Mathematics, The British School of Navarra, Pamplona, Spain
• Head of Computer Science department. Managed and improved the curriculum to include importantly life computing skills.
• Teach Mathematics for year 8 and 9 and I teach Computer Science year 7 to 11. Using demonstration based learning to engage and relate learning to students lives.
• Run a Thursday elective on computing, allowing 30 students to explore topics in computing further on their own, such as learning to use Blender (for animations) and making Minecraft mods.

September 2022 – June 2023
Trainee Teacher, University of Cumbria, Manchester, United Kingdom
• Awarded QTS and PGCE having taught 4 different classes for 12 hours per week, alongside planning and running of extracurricular activities, such as JASS club (year 7 DofE)
• First placement was at Mossley Hollins High School, September to December 2022, dealing with mixed students from years 7 to 10.
• Second placement was at West Hill School, January to June 2023, an all-boys school, teaching years 7 to 9 and assisting in lessons for years 10 and 11.

June – July of 2018, 2019 & 2021
Cable Assembler & Factory Re-organisation Assistant, Rohde & Schwarz, Vimperk, Czech Republic
• Continued to develop my skills in interpreting and creating schematic diagrams, as well as worked in a team to produce over £5,000 of products over the time I was there.
• Added value to the company by working to re-organise the layout and master moulds for cables interacting with the database and ensuring it was up to date.
• Performed quality control on components and high-frequency cables. Developing and conforming to given standards.

September 2019 – June 2020
Non-Destructive Testing Research Assistant, University of Sydney, Australia
• Worked in a team of two to test and compare unique and novel solutions for non-destructive testing of concrete underwater. Tested over 20 different methods thoroughly writing clear reports on each.
• Awarded a Research Scholarship for December 2019 – February 2020. Developed and improved report writing skills as well as data entry for results and procedures used.

Education

September 2017- June 2022
Masters in Electrical Engineering and Renewable Energy, University of Edinburgh, United Kingdom
• Third year abroad at the University of Sydney, experienced new cultures and perspectives.
• Overall GPA of 63%. **Graduated with a 2.1 in 2022**.

Relevant Projects

I built my own website to understand the processes involved, this enaables me the opportunity to deploy resources onto the web for all to access in a customised unrestricted way, such as solutions to problems

during my studies and the creation and use of MySQL databases for data-driven projects with PHP.

I have also built my own python module called "reportlabextras" based around adding the functionality to easily and intuitively write complex mathematical fractions and powers with the reportlab pdf module (Python), accessed by PyPI, pip install or my website resources.

Another project I am working on is called "My Mathematics Maker" and is accessible on my website (resources page) designed to create exams and test material for teachers based on Pearson qualifications. It programmatically generates clear question papers and also creates a carbon copy of the question paper with an exact solution for easy marking for teachers. This allows my program to create high quality instructional testing material for teachers.

Skills

• Python (5 years with experience in NumPy, SciPy and SymPy), Javascript (1 year), HTML (3 years), MATLAB (1 year), Excel (5 years), Word (5 years), AWS (3 years), Git (3 years), Apache (1 year)
• English (fluent), Czech (fluent), German (basic) and Spanish (basic)
• Reliable, disciplined and problem solving with emphasis on learning and achieving goals within deadlines through thorough efficient work approach, examples include My Mathematics Maker and reportlab.
• Team working (having been part of dynamic teams in teaching and research) and team leading in teaching while at The British School of Navarra.
• Android Studio, HTML, PHP, MySQL, SQLite

Further Experience

September 2018- June 2019
Enterprise Peer Learning and Support Coordinator, University of Edinburgh
• Ran three successful sessions on two courses over the year, resulting in a greater understanding of the material for 25 students at each session.
• Led a team of four, gaining organisational experience and resilience.

September 2018- June 2019
Project DIEM (Developing Intermediate Education Materials) Leader, University of Edinburgh
• Organised weekly meetings with 5 volunteers, prepared and produced new workshops to be taken into schools to encourage STEM in primary school pupils.
• Successfully led a team of three volunteers spending the day in a primary school with two full classes working on wind turbines and economics

September 2018
Welcome Weekend Assistant, University of Edinburgh
• Ensured smooth transition for 10 students most of whom were leaving home for the first time..
• Effectively worked to maintain health and safety, looking out for the well-being of students.

October 2017- December 2017
Delivery Rider, Deliveroo, Edinburgh, United Kingdom
• Assured that health and safety policies were followed and customers received the best experience possible to heighten the value for both customers and Deliveroo.
• Resulted in over 100 satisfied customers through efficient on-time delivery of service

October 2012- June 2016
Volunteer, Oxfam, Glossop, United Kingdom
• Engaged with over 1000 customers to provide top quality service ensuring positive customer experience.
• Sold over £1,000 of items which supported a cause of bettering lives around the world.