Krzysztof Wancerski

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Profile:
A motivated engineering student seeking a summer placement. Ready to start immediately.

Employment:

A-level Tutor | Private & MyTutor.co.uk | London | *2022-2023*
Delivered lessons to A-level students in Mathematics and Computer Science. Privately, this involved managing my schedule, coordinating the flow of information between parents and students, and managing payments.
In both settings, this involved planning lessons, setting up the learning environment and ensuring the students are engaged.

R&D Intern | Eppendorf Cryotech Ltd. | Maldon, Essex | *July-September 2022*
Involved in the pre-launch performance testing of 50+ ULT freezers and validation of new ideas for existing products; worked and closely collaborated with the Global Marketing team in Germany on certifying Cryotech freezers with a renowned laboratory sustainability label. Made use of Solidworks, MS Office, Grant data-loggers and oscilloscopes.

Education:

Imperial College London | MEng Design Engineering | *2022-present*
Recent modules include:
- Computing 1 (*Git, Linux Command Line, Python*) – OOP in Python, version control and collaboration using GitHub.
- Computing 2 (*JavaScript, HTML, CSS, node.js*) – functional programming full-stack development, API development, professional documentation with JSDoc, unit testing and UI and UX design.
- Electronics 1 (*microPython, ESP32/ESP8266*) – foundations of circuit design and analysis, practical projects using Wi-Fi, BLE and an array of digital and analog sensors.
- Human Centred Design Engineering (*Fusion 360, Adobe CC, Arduino IDE*) – group project comprising of user research, ideation, development, and the delivery of a final works-like and a looks-like prototype.
- Engineering Mathematics (*Wolfram Alpha, MATLAB*) – foundations of mathematics in engineering, including: PDEs, optimisation, Laplace & Fourier transforms and finite methods.

Sixth Form College Colchester | *2020-2022*
Below are the qualifications gained during my studies at sixth form:
- A-level Mathematics – A*
- A-level Computer Science – A*
- A-level Physics – A*
- A-level Design and Technology – A*
- As-level Further Mathematics – A

Key Skills:
- **Programming** – good familiarity with Python, JavaScript, HTML, CSS and C++ (Arduino). Version control using Git and the command line.
- **Technical Ability** – CAD/CAM experience using Autodesk Inventor, Fusion 360 and Solidworks. Good understanding of manufacturing techniques and material selection.
- **Computer Skills** – fully familiar with MS Office and good knowledge of Adobe Creative Cloud.
- **Communication and Collaboration** – experienced team-worker in professional capacity.
- **Great passion for engineering and technology** – secondary school STEM Club member, Arduino enthusiast
- **Excellent analytical and numerical skills** – numerous awards, outstanding GCSE & A-level grades.

Awards:
- Recipient of the Institute of Engineering and Technology Future Talent Awards supported by the David Family Foundation
- Winner of the prestigious Clive Whybrow Award for excelling in Mathematics
- Second Place in the North-Essex Mathematical Olympiad
- Bronze Award winner in the British Physics Olympiad and the UK Senior Mathematics Challenge