

PATRYK KUCHTA

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Summary Determined and diligent computer science student with substantial interest and experience in education along with many soft skills. Highly skilled at programming, designing systems and conducting research.

Education Enrolled Student of **Master of Science in Artificial Intelligence**
University of Edinburgh

From September 2023

Bachelor of Science in Computer Science

Graduated with First Class Honours, received Westfield Trust Award

Queen Mary, University of London

From September 2020 to June 2023

Modules include

- Algorithms and Data Structures (94.3%)
- Operating Systems (94.1%)
- Data Mining (93.6%)
- Internet Protocols and Applications (93.0%)
- Security Engineering (92.1%)
- Computability, Complexity and Algorithms (90.7%)
- Computer Systems and Networks (86.6%)
- Neural Networks and Deep Learning (85.5%)

Alumni of **Zamoyski Highschool in Warsaw**

From September 2017 to May 2020

Matura Exam (an A-level equivalent), advanced level subjects with percentile scores

- Computer Science (98%)
- Physics (97%)
- Mathematics (92%)

Work Experience **Laboratory Demonstrator at Queen Mary, University of London**

From September 2021 to present

- Directing students during laboratories
- Marking assignments and writing assignments
- Explaining computer science concepts to many students

Software Developer Intern at Softwire, London

From June 2023 to present

- Improved teamwork and leadership skills
- Enhanced web development and IT skills in general
- Developed effective time management strategies

Coding Tutor at FireTechCamp & Kodland, London

From May 2021 to January 2023

- Teaching programming to students during online tutorials
- Providing feedback to students
- Procuring material for lessons

Teaching Intern at Sacred Heart of Mary Girls' School in Upminster

From July to August 2022

- Procured and delivered lessons to a large cohort of students
- Took responsibility for organising activities for students
- Explained computer science concepts to many students

Customer Assistant at Morrisons, London

From September 2020 to September 2022

- Improved soft skills
- Enhanced interpersonal skills
- Developed effective time management strategies

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Projects **Final Year Project: Learnopedia**, Queen Mary, University of London
The project entailed creating an educational platform for people to create and share online courses, where any user can moderate the content of others in a manner inspired by the success of Wikipedia.

- Performed thorough research into educational techniques
- Developed a design for a complex and expandable system
- Developed a complex full-stack system
- Created a professional academic paper

Available to use at learnopedia.kuchta.uk

Software Engineering group project: CryptoGram, Queen Mary, University of London
The project aimed to create a high-fidelity prototype of an online cryptocurrency wallet, along with research and design for a complete project, producing documentation for each stage.

- Led a team of six, improving my leadership skills
- Researched cryptocurrencies and the world of online transactions
- Achieved an A-Grade for the module and the best project award

Graphical User Interfaces group project: PhotoCa.st, Queen Mary, University of London
The project aimed to create a fully functional weather app, with photographers in mind. The project was focused on creating the best user experience based on GUI heuristics.

- Led a team of five, improving my leadership skills
- Designed and implemented a weather application
- Evaluated the finished product based on GUI heuristics

Available to use at kuchta.uk/photocast.html

More projects are listed on my website: kuchta.uk

Volunteering **Buddy Scheme Mentor** volunteer at **Queen Mary, University of London**
From September 2022 to July 2023

- Arranging events for a group of students
- Co-ordinating students in the first days of university
- Writing short reports on the meetings

Languages **English – fluent with academic proficiency**
certified with both a British academic degree and IELTS Academic score (7.5 Overall in 2020, improved substantially since).

Polish – native fluency

German – conversational fluency

Skills Prominent programming skills with expertise in many languages

- **Java** – Advanced (over 1000 hours of experience)
- **JavaScript** – Advanced (over 1000 hours of experience)
- **Python** – Advanced (over 1000 hours of experience)
- **C++** - Intermediate
- **PHP** – Proficient

Substantial Experience in **Web-development**

Knowledge and deep interest in **Data Mining**

Effective and precise when conducting **research**

Leadership and management skills

Skilled in using the Microsoft Office suite

Certificates **Project Management Principles**
Project Management Fundamentals
From Project Management Institute

Received in April 2019