Dragos Popa

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EDUCATION

University of Leeds   **Leeds, UK**
MEng, BSc Computer Science   *Sep 2021 – Jun 2025*
- Grade: First (Predicted)

First Year Modules	Second Year Modules
Web Technologies	Algorithms and Data Structures
Databases	Web Application Development
Programming Project	Artificial Intelligence
Discrete Mathematics	Networks
Object Oriented Programming	User Interfaces

Brakenhale School   **Bracknell, UK**
A levels: Computer Science, Business and Economics   *Sep 2016 – Jun 2021*
- A-Level Grades: AAB
- GCSE Grades: Computer Science - 8, Business Studies - 8, Combined Science - 7, English Language - 7, Mathematics - 7

RELEVANT PROJECTS

Personal Project - 2Sway iOS App
Helping hospitality businesses increase footfall by up to 20% and reach student audiences by offering exclusive discounts to students in return for organic promotion of partner businesses.
- Integrated with Instagram APIs in order to estimate students' reach and influence.
- Integrated multiple advanced functionalities such as authentication, database management and utilising REST APIs for many different features of the app.

University Project - Portable Grey Map Utilities
Developed a comprehensive set of utilities in C which were used to manipulate PGM image files.
- Created utilities for testing the logical equivalence of both binary and ASCII PGM files.
- Created a compression utility which would reduce the PGM files by a given integer factor in each dimension.
- Created tile and assemble utilities which would split a PGM image into a number of smaller PGM files or combine a number of smaller images into one complete file respectively.

University Project - XV6 RISC-V Operating System
Modified and enhanced the feature set of a UNIX-like operating system created at MIT and written in C.
- Modified the kernel of the operating system to allow for additional system functions.
- Improved the xv6 command line shell by adding new user and system programs.

WORK EXPERIENCE

2Sway   **Leeds, UK**
CTO   *Jan 2022 – Present*
Co-funded and built the 2Sway iOS application from the ground up, managing to raise finance and grow the app to 5,000 users within the first 2 months after release.

- Allocating and attending meetings with investors, contractors and customers allowed me to improve my time management skills.
- Learned to balance work along with university studies and social life in such a way that I remained highly productive while avoiding "burnout".

Curry's PC World   **Bracknell, UK**
Sales Representative   *Sep 2019 – Jan 2022*

- Honed the ability to work under pressure and maintain a high standard of customer service.
- Developed the ability to take responsibility for my performance and make sure that I am consistently achieving KPIs.
- Prioritised tasks based on the level of urgency and importance. This allowed me to reach a higher number of customers served per day.

AWARDS AND ACHIEVEMENTS

- Secured funding for my startup by being selected for the University of Leeds' Enterprise Scholarship 2022
- Duke of Edinborough Bronze
- Awarded the Teachers Choice Award for Computer Science 2020
- The Brakenhale Academy Head Student & Student Union Committee

TECHNICAL SKILLS

Python	Java	Swift	JavaScript	C++

VOLUNTEERING

Brakenhale School   **Bracknell, UK**
School Shop Manager   *Sep 2019 – May 2020*

- Increased weekly turnover by 25% by developing a new business strategy which included a contactless payment method and flexible inventory.
- Managed a team of 8 Student Union volunteers across day-to-day operations to ensure the shop operated smoothly and efficiently.
- Presented the overall performance and balance sheets to the Student Union and senior staff.