

Alexandra Pacuraru

Software Engineer

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EDUCATION

BSc Computer Science with Business and Management and Industrial Experience

University of Manchester | 2018 – 2022, Manchester UK

Overall Grade: First Honours

Societies and occupations: Head of Events for [Cancer Awareness in Teenagers](#) Society, Student Ambassador

Notable Courses: Java OOP, Machine Learning, Databases, Algorithms and C Programming, Product Development

Current Courses: Natural Language Processing, User Experience, Graphics and Virtual Environments, Marketing

WORK EXPERIENCE

Software Engineer Intern

The Hut Group | Sept 2020 – Sept 2021, Manchester UK

- Developed and maintained features for an Influencer Management platform in a team of 10 people.
- Contributed to the platform's development using React and TypeScript for the Front-End, Kotlin for the Back-End, managed deployments with Docker and Kubernetes, and gained experience in UX and UI design.
- Integrated 3rd Parties such as social media data and payments.
- Took part in product development, task planning and stakeholder communication.
- Promoted the company by being an ambassador and improved the internship programme for 50 incoming interns by strengthening communication and setting internship goals.

Technology Analyst Intern

Barclays | Jul 2020 – Aug 2020, London UK

- Reorganised and enhanced the internal team resources by collecting reviews from multiple stakeholders and networking with members from the Data department.
- Collaborated with two other interns on processing and developing a data visualisation analysis using Tableau, and presented the findings to senior business stakeholders.

PROJECTS

Future Me: Co-Founder

Social Enterprise | Sept 2020 – Ongoing

- Founded an organisation that so far impacted more than 50 secondary school students by empowering and helping them find mentors in the STEM industry and make the most out of their studies and careers.
- Supervising a team of 7 people, communicating with partners and improving the business model.
- Designing content and resources as well as managing and optimising our strategy on social media channels.

Peer mentoring

University of Manchester | Sept 2019 – Ongoing, Manchester UK

- Mentoring more than 50 second year students by running weekly sessions aimed at supporting their studies.

Coding their future

Final year project, University of Manchester | Sept 2021 – Ongoing, Manchester UK

- Improving Computer Science education by developing an educational tool for a Manchester secondary school.

FIRST Robotics Competitions

FIRST Tech Challenge and FIRST Global Challenge | Sept 2016 – Mar 2017 | Jun 2019 – Sept 2019

- Designed a robot with my high school's team for the FTC national competition in 2016, and represented Romania for the 2017 FIRST Global Challenge in Washington DC.

Awards

1. Most-World-Improving Idea: 1st Year Team project
2. Special Prize: Innovation Week by THG
3. Best team (Future Me): [edventure](#) accelerator

Languages

Romanian (native)
English (fluent)