




Contact

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Technical Interests

IBM Technology Challenge

The Birmingham Project

Team prototyped a social web app that supports both consumers and local businesses, allowing users to share experiences and gain rewards

Service Now Bootcamp

University of Birmingham

Developed a complex hotel booking web app; team won the hackathon

Hackathons & Team challenges

HackTheMidlands 2.0, 3.0 & 4.0

BrumHack, UoBHack

MLH Local Hack Day 2019

Google Hash Code 2017 & 2018

BAE Systems CTF '18, '19 & '20

Interests

President - the Public Speaking Society

Web design & development

UI/UX

Photography

Alexandru Nastase



Skills

Languages

Java (most experience)
Python, JavaScript, C/C++

Front End

React, Django
HTML, CSS, JavaScript
Bootstrap, Materialize

Back End

Node, Express
MongoDB, SQL

Project Management

Agile Development
SCRUM, TDD
Git, JIRA

Design

Illustrations, Logos
UI, UX, Mockups
Brand Style Guides

Tools

Intellij, PyCharm
Figma, Inkscape



Experience

Developer Intern, Barclays

Jul - Aug 2020

- Extensively used Salesforce to develop Graduate Recruitment software
- Greatly improved the UX of the application by designing and revamping the UI and usability of its components
- Worked on compiling comprehensive documentation to help future developers get up to speed quicker

Java Demonstrator, University of Birmingham

Sep 2019 - Mar 2020

- Helped 1st year and MSc students with their challenging assignments
- Aided students in their learning experience
- Supported students to build new skills and reinforce their knowledge

Developer Intern, Barclays

Jun - Aug 2019

- Used C++ to decommission a legacy project in order to create an in-house system allowing for efficient foreign exchange trading between vendors
- Extensively used VS2017 and reinforced my knowledge of Git which accelerated my developing efficiency, thus adding value to the project
- Proposed using AI and new data sources for more accurate calculation of millennials' credit score; team won the internal hackathon

Junior Data Analyst Intern, Kwalee

Feb - Mar 2018

- Created Python scripts to extract and visualise vital user data
- Created a live map of downloads using p5.js which aided marketing
- Team debated important decisions regarding A/B testing and QA



Education

MSci Computer Science, University of Birmingham

2017 - Present

Relevant Modules

- Java, Software Engineering
- Security, Networks, Databases
- AI, ML, Neural Networks
- UI&UX, Mobile Development

Academic Achievements

- First Class yearly average
- Named the very best 2nd year MSci Computer Science student
- On track for a First Class Degree