

Adrianna Kaminska

Software Engineer

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IT SKILLS

TECHNOLOGIES:

AWS
React.JS, React Native,
Node.JS,
Flask,
Docker
.NET
Android
Unity
Jest Testing Framework

PROGRAMMING LANGUAGES:

C#, Java,
JavaScript (ES6),
R,
MySQL, NoSQL
Python & Go (both self-taught)
CSS + HTML

SOURCE CONTROLS:

GitHub
Microsoft TFS

OTHER:

Microservices,
Event-based Arch.,
C4 arch,
Behaviour-driven dev.,
Test-driven dev.

JOB EXPERIENCE

01/2020 – currently:

- Fullstack Software Engineer for BBC, Archive Services

Project: Fabric Decommissioning - a year-long project with the purpose of decommissioning a system called Fabric, used by programme-makers to search an archived metadata catalogue and to self-order tapes. This project was focused on implementing Fabric data and properties to the currently existing Archive Search search system and updating AS with new UI and functionality, on both front- and backend.

The technologies used for this project: AWS, React + Node.JS, Jest testing, Cosmos, Jenkins, Mobx

Responsibilities:

- Frontend and backend work with the already existing codebase
- Writing and updating existing AWS infrastructure - Lambdas, S3 buckets, Cloudformation
- Working closely with UX designer and testers
- Working with strict deadlines in the sprint development approach
- Following TDD approach and working in pair with other engineers

09/2019 – 12/2019:

- Demonstrator for Data Analytics module at Edinburgh Napier University

Responsibilities:

- Helping students during practical classes with their exercises using R

- Helping students with exercises in Weka
- Helping students to understand Data Analytics, including different approaches and algorithms

06/2019 – 09/2019:

- **Intern Software Engineer in Computer Application Services Ltd.**

Project: tracking tool focused on gathering user data regarding how users are using Workpro software in their everyday tasks. After gathering, the data is sent via web services to the database creating a new table. All the information in this table later is used for generating bar charts and Sankey diagrams on the website, in order to visualize the user's journey and usage of each feature per user.

The technology used for this project was: ASP.NET, SQL database, Google Charts. Google Chrome developers' tools, Visual Studio 2017 debugging

Used programming languages: C#, SQL, jQuery, JavaScript

Other responsibilities:

- Research about different data analytics online tools in order to write a report and discover new technologies
- Teamwork, following code reviews feedback and code style
- Writing automated tests

05/2017 – 08/2018:

- **Finance Helpdesk Officer in Finance Information Services at the University of Edinburgh (Placement)**

Responsibilities:

- Helping users with the use of financial systems in the University of Edinburgh, often with the use of remote desktop control (Bomgar) or PL/SQL
- Training users and new members of staff
- Fixing issues in databases
- Presenting great customer service and time management skills

EDUCATION

2019 – Edinburgh Napier University, BEng Computing

4TH YEAR MODULES:

Computational Intelligence,
Computing in Contemporary
Society,
Multi-Agent Systems,
Software Architecture,
Honors Project (Android
Mobile Application for
Customised Tourism)

3RD YEAR MODULES:

Physic-Based Animation,
Artificial Intelligence,
Data Analytics
Year-long work placement

2ND YEAR MODULES:

Software Development
2,
Database Systems,
System Services,
Computer Graphics,
Programming
Fundamentals,
Software Engineering
Methods

Prior to university, I finished NC, HNC and HND in Games Development in West College Scotland and this allowed me to join the university course in 2nd year.

OTHER SKILLS AND ACHIEVEMENTS

Languages: Polish (native), English (fluent)

Competitions: Global Game Jams [2017](#), [2018](#) and [2019](#), [2020](#), [BBC Hackathon 2020](#)