

Vlad-Nicolae Mutilica

Experience

IBM Summer Placement - *AEM Developer*

June 2021 - September 2021

As part of my role as a Junior AEM developer I worked in a team responsible for implementing client websites using Adobe Experience Manager. The stack I worked on was Java based using Spring for dependency management. This placement exposed me to a real life software development environment where I learned valuable skills related to programming and agile methodologies.

Projects

Labyrinth

Gained valuable group project experience as part of our 2nd year project, where the goal was to implement our own version of the game "Labyrinth" in Java. My tasks included writing the backend logic and designing parts of the GUI.

Twitter geolocation search

Part of my personal work, I have written a CLI tool that reads in geolocation coordinates and a radius and presents a list of Tweets from that area. This personal project has been an exercise in understanding the Twitter public API and the twitter4j Java library.

Google Hashcode

Participated in the Google Hashcode 2020 event where, as part of a team of 4 students, we implemented a library book shipment system. As part of this challenge we had two hours to deliver a working prototype at the end. Our team managed to finish on time and demo the required log file output of the program.

Education

Swansea University - *Computer Science*

September 2019 - Present

Expected 1st

I am currently a 3rd year student at Swansea University. My studies here have offered me a deep understanding of a lot of the areas of Computer Science, doubled by group project and management experience. Some of the highlight modules have been:

- Programming I and II (learned of OOP and practical real world examples as well as Algorithms and Data Structures)
- Hardware and computer architecture, assembly language, CPU scheduling algorithms
- Machine learning
- Database systems (main topics revolved around MySQL and PHP)
- Concurrency & Synchronisation techniques
- Web Development (HTML, CSS and JavaScript)

Colegiul Dobrogean Spiru Haret - *Mathematics and Informatics*

September 2015 - May 2019

My highschool degree was focused on Computer Science and Mathematics. This experience sparked my interest in IT and paved the way for my attendance at a CS university. The notable qualifications from this time are: basic C++ programming as well as HTML and CSS.

Hobbies

- 3D modelling in Blender
- Snowboarding
- Mountain biking