Teodora Sandu

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Education

University of Birmingham

MSci Computer Science with Industrial Year (83.7)   Sept 2014 - July 2019

- Modules of interest: Algorithms and Data Structures, Artificial Intelligence, Data Analysis, Software Design Principles, Distributed and Parallel Computing, Software Engineering.

- Awards:
  Best Final Year Student in MSci Computer Science, 2019
  Cum Laude (4.25 GPA), 2019
  Best First Year Student in BSc Computer Science, 2015

- Extra-curricular: Volunteered as a teacher in an after-school programming club with **Code Club**.

National College Zinca Golescu, Romania

Mathematics and Computer Science (98.1)   Sept 2010 - July 2014

- Extra-curricular:
  Participated in yearly Mathematics, C/C++, and Physics Olympiads.
  Volunteered at fundraising events and homework support groups with **Save the Children**.

Work Experience

IBM, UK

Software Engineer (Full-time)   Sept 2019 - Present

- Spearheaded a high-pressure deadline by managing and delivering one month's worth of work in one week.
- Reduced the squad's manual testing by 50%, through automated component and end-to-end tests.
- Established good relationships with global clients and the sales team as a Customer Advocate.
- Developed and enhanced the App Connect Operator experience through continuous customer feedback.
- Speedily mastered new technologies and designed innovative ways to incorporate them into our processes.

Software Engineer (Intern)   July 2017 - July 2018

- Led the front-end conversion from AngularJS to React, redesigning up to 25% of the entire codebase.
- Reduced the delivery time of a high-profile RESTful API in half, by developing a custom code generator.
- Optimised the squad's productivity by automating existing manual tests using Node.js and Jenkins.

American Express, UK

First Foundry Analyst (Intern)   June 2016 - Aug 2016

- Implemented a RESTful API and designed the Model-View-Controller architecture of a Java micro-service.
- Collaborated on the AngularJS front-end with a less experienced intern, offering support and advice.
- Facilitated the delivery of the MVP by implementing the required Behaviour-Driven Development tests.

Skills

Proficient: JavaScript, Node.js, React, HTML, CSS, Webpack, Go, Kubernetes, Docker.
Familiar: AngularJS, Java, OpenAPI, Bash, Python, SQL, C/C++, YAML.
Other: ES6, Asynchronous Programming, Web Development, REST APIs, Jenkins, Travis, OpenShift, Git.