Andrei Spatariu

Contact

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 : andrei-s

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Skills

Coding Languages:

TypeScript / JavaScript, Python, Java, HTML5, CSS3 / Sass

Libraries and Frameworks:

React, Angular, Django, Node.js, Express.js, Spring Boot, NumPy, Pandas, Scikit-learn, Matplotlib

Databases:

MySQL, PostgreSQL

Software:

Visual Studio Code, Jupyter Notebook, Eclipse, Anaconda, Atom, Emacs, Git / GitHub

Operating Systems:

Windows, Linux

Foreign Languages:

Romanian, Spanish, German

Certifications:

Certified SAFe Agilist 5.0

AI Programming with Python and PyTorch Nanodegree

Work Experience

AT&T *January 2020 – Present*
Software Engineer

- Developed robust chat bots using the Microsoft bot framework and TypeScript to streamline daily tasks such as installing and repairing cables technicians would have to perform
- Developed an Angular/Spring Boot video streaming application to simplify the process of auditing changes to various cell tower sites owned by AT&T and its partners
- Developing a React application to streamline daily managerial tasks (overseeing cash flows, authorizing coupons, etc.) as part of Cricket's next generation of point of sale systems across its retail stores

ADVA *May 2019 – July 2019*
Research and Development Intern

- Developed a GUI using Python's Tkinter library to increase the efficiency of testing fiber network configurations by fetching current readings and remotely connecting to network for rapid adjustments

University of Georgia *August 2018 – December 2019*
Undergraduate Teaching Assistant

- Graded students' labs and in-class problem sets for the Introduction to Computing and Programming and Discrete Mathematics courses
- Assisted in furthering students' understanding of Java and discrete math fundamentals through facilitating problem-solving in lectures, labs, exam review sessions, and weekly office hours

NCR *June 2014 – August 2014*
Summer Intern

- Tested planned internal software update against functional requirements and documented any bugs
- Gained first-hand experience about the advantages and disadvantages of the AGILE software development methodology and SCRUM framework

Community Involvement

UGAHacks
Advisor *March 2020 – December 2021*

- Advised on how to improve MyUGAHacks based on feedback from UGAHacks 5-6 and to increase scalability and maintainability
- Developed and maintained the UGAHacks 6 site using ReactJS, MaterialUI, and GitHub Pages

Tech Director *March 2019 – February 2020*

- Led a team of four to develop MyUGAHacks using Django to serve as an event management hub for the benefit of over 500 organizers, participants, and sponsors at UGAHacks 5

Education

The University of Georgia *August 2016 - December 2019*
Bachelor of Science in Computer Science – Summa cum Laude
Area of Emphasis: Computational Science and Visualization

- Obtained Applied Data Science certificate (December 2019)
- Presidential Scholar (Fall 2017- Spring 2019), Dean's List (Spring 2017), and 2019 Hollingsworth Award recipient