Andrei Spatariu

Contact

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in : andrei-s

Skills

Coding Languages:

Python, Type/JavaScript, Java, HTML & CSS/Sass, C/C++

Libraries and Frameworks:

Angular, Django, React, Spring Boot, Node.js, PyTorch, Bootstrap, NumPy, Pandas, Scikit-learn, Matplotlib, Tkinter

Databases:

MySQL, PostgreSQL

Software:

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

Operating Systems:

Windows, Linux

Foreign Languages:

Romanian, Spanish, German

Certified SAFe Agilist 5.0

AI Programming with Python and PyTorch Nanodegree

Work Experience

AT&T   *January 2020 – Present*
Software Engineer

- Designed and 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 (counting drawers, 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 Python-based GUI using the Tkinter library to increase the efficiency of testing fiber network configurations by fetching current readings and remotely connecting to network for adjustments

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

- Graded student's 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, weekly office hours, and Piazza discussions

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

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
Area of Emphasis: Computational Science and Visualization

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