Andrei Spatariu

— Contact —

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— Skills —

Coding Languages:

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

Libraries and Frameworks:

React, Angular, Django, Node.js, Express.js, Tailwind CSS, D3.js, Material UI, Redux Toolkit

Software Tools:

VS Code, Jupyter Notebook, Eclipse, Anaconda, Postman, Azure Pipelines, Git / Git Bash, Vite, Figma

Operating Systems:

Windows, Linux

Foreign Languages:

Romanian, Spanish, German

Certifications:

Azure Fundamentals
Azure AI Fundamentals
Azure Data Fundamentals
Scrum.org PSM I and PSD
AI Programming with Python and PyTorch Nanodegree

Work Experience

Cricket Wireless   *January 2022 – Present*
Senior Software Engineer

- Developing/Improving frontend initiatives for Aktivate, Cricket's retail point of sale platform, consisting of a mixture of Angular and React-based applications driving $6 billion in revenue across a 13+ million user base
- Empowering authorized retailer autonomy and efficiency by overhauling back-office systems with Material UI, Redux Toolkit, and microfrontends
- Collaborating across scrum teams and with product owners to achieve feasible roadmaps for upcoming features and smooth deployments using Azure Pipelines and Launch Darkly

AT&T   *January 2020 – December 2021*
Software Engineer – Technology Development Program (TDP)

- Engineered robust chatbots utilizing Microsoft Bot Framework and TypeScript to automate daily technician workflows for cable installation and repair resulting in $2.1 million annual cost savings
- Developed an Angular/Spring Boot video streaming application to simplify the audit process of cell tower sites owned by AT&T and its partners for a $8.5 million reduction in yearly costs

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
- Cultivated a strong foundation in Java and discrete mathematics through facilitating problem-solving in lectures, labs, exam review sessions, and weekly office hours

Community Involvement

UGAHacks
Advisor   *March 2020 – December 2021*

- Advised on revamping the current UGAHacks system infrastructure to increase scalability and maintainability including expanding beyond the usual UGAHacks annual cadence
- Developed UGAHacks 6 site using React, JavaScript, and GitHub Pages

Tech Director   *March 2019 – February 2020*

- Led a team of four to develop MyUGAHacks, a Django-based event management hub that served over 500 organizers, participants, and sponsors at UGAHacks 5

Education

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

- Attained Applied Data Science certificate (December 2019)
- 2019 Hollingsworth Award recipient and Presidential Scholar (Fall 2017 - Spring 2019)