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, Vite, NumPy, Pandas, Scikit-learn

Software Tools:

Visual Studio Code, Jupyter Notebook, Eclipse, Anaconda, Emacs, Git / Git Bash

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*
Professional Software Engineer

- Developing/Improving front-end initiatives for Aktivate, Cricket's retail POS platform, consisting of a mixture of Angular and React-based applications driving 90% of daily retail transactions across a 13+ million user base
- Collaborating within and across scrum teams to achieve feasible roadmaps for upcoming features and smooth timely deployments

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

- Developed robust chat bots using the Microsoft bot framework and TypeScript to streamline daily tasks technicians would have to perform such as installing and repairing cables
- 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
- Developed features for a React application to streamline daily managerial retail operations (overseeing cash flows, authorizing approvals, etc.) as part of Cricket's retail point of sales platform, Aktivate

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

—— Community Involvement ——

UGAHacks
Advisor   *March 2020 – December 2021*

- Advised on improvement areas for 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 ——

The 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)
- Presidential Scholar (Fall 2017 - Spring 2019), Dean's List (Spring 2017), and 2019 Hollingsworth Award recipient