

Andrei Spatariu

Contact



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: andrei-s



: andreispatariu.dev

Skills

Coding Languages:

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

Libraries and Frameworks:

React, Angular, Django, Node.js, Express.js, Tailwind CSS, Vite, NumPy, Pandas, Scikit-learn

Databases:

MySQL, PostgreSQL

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
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 Aktivite, 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, Aktivite

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