Taylor Barmak

taylorbrmk@gmail.com   linkedin.com/in/taylorbarmak
(571)-442-4026   github.com/TBarmak

Results-oriented, full-stack software engineer with experience in Typescript, Vue, React, and Python, seeking a challenging role to contribute to innovative projects.

Experience

Software Engineer (Senior Associate) / Capital One (August 2022 - Present)
- Automated our manual smoke testing of our Vue application with Cypress. Eliminated manual testing, allowing for hands-free, continuous releases.
- Implemented the Partner as a Service feature for our case management application, expanding our servicing capabilities to thousands of partner agents.
- Led a major refactor of our dynamic form for sending letters to customers. Migrated the form to use web components and added clearer form validation error messaging to improve the agent experience.
- Migrated our Salesforce to Snowflake ETL job from Lambda to Step Functions, eliminating failures due to timeouts. Implemented automated retries and the entire testing suite. Leveraged Python and Pandas.

Technology Intern Program / Capital One (June 2021 - August 2021)
- Independently built a real-time dashboard with Angular.js for monitoring NXLog and OSQuery agent instances. Connected to GraphQL backend with Apollo Angular. Implemented thorough unit testing to ensure high-quality code.

Junior Software Developer / L2T (June 2020 - August 2020)
- Gained hands-on experience with Angular.js and Django. Researched ticket solutions and built working prototypes to assist the software development team.
- Worked on diverse technical projects, including RSS feed aggregation and parsing, configuring HAProxy with ACLs, and exploring the SIP protocol with Asterisk.

Freelance Tutor (2016 - present)
- Independently manage a tutoring business, providing tailored instruction in Calculus, Algebra, Chemistry, and Spanish to high school students.
- Successfully tutored 15 students so far, managing scheduling and customizing teaching approaches to match each student's individual learning style and academic goals.

Education

University of Virginia (3.94 GPA, Echols Scholar)
College of Arts & Sciences, B.A. in Computer Science
McIntire School of Commerce, B.S. in Commerce with IT Concentration
- Node Program Coordinator at HackCville (Now Forge) - Created lesson plans to teach students about data science. Lead workshops covering ML algorithms and NLP. Managed teams of students and helped them deliver exciting projects.

Projects

Anki Lingo is a full-stack, React/Python application for generating Anki flashcards for language learning by scraping popular language websites. Creates a CSV including translations, definitions, example sentences, and audio pronunciation to be imported into Anki.

Rot4te is a React-Native app that is a new take on Connect 4. Built a computer opponent that uses the Minimax algorithm to try to win. Application includes a tutorial, customizable color scheme, and smooth animations.

Certifications

AWS Solutions Architect Associate, AWS Developer Associate, Salesforce Certified Administrator