Arash M. Azizi

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SKILLS & INTERESTS

- **Languages:** Python, Kotlin, Java, JavaScript, TypeScript, C++, HTML/CSS
- **Tools and Technologies:** FastAPI, SQL, AWS, DynamoDB, Redis, DataDog, Spring, Django, Node,js, React
- **Foreign Languages:** English (native), Persian (native), Latin (proficient)

PROFESSIONAL EXPERIENCE

Stavvy   **Boston, MA**
Software Engineer II   *October 2022 – April 2025*
Software Engineer I   *October 2021 – October 2022*

- Overhauled and optimized the Audio Video (AV) meeting, user authentication, and identity verification domains of a monolithic FastAPI Python application
  - Improved reliability and minimized failure rates of real-time websocket event traffic, remediated security vulnerabilities, and promoted Test-Driven Development processes
- Architected and executed 3 large-scale feature initiatives as tech lead, from scoping requirements to deployment and testing, driving expansion into new states and ensuring industry compliance
- Facilitated transition of legacy proprietary data access to SQLAlchemy object relational mapping (ORM) to minimize database transaction management error
- Employed DataDog, Sentry, and Logz.io to create alerting and monitors around core functionality, assisting with on-call rotations and incident responses

UVA Development Hub   **Charlottesville, VA**
Software Development Intern   *August 2020 – May 2021*

- Created software for 2 web applications, a stock market tracker application and a bus tracker Discord application, with a team of 3 other interns using JavaScript, Node.js, Git, and 5+ RESTful APIs
- Optimized large-scale data usage by designing efficient software application components and spearheaded software testing and debugging on integral features
- Developed the Stock Finder feature for a stock market tracker, enabling users to search stocks by parameters and retrieve accurate data from RESTful APIs for portfolio use
- Built a Discord bot to track real-time bus locations at the University of Virginia, notify users at each of 108 bus stops, and provide status updates for selected bus routes

EDUCATION

University of Virginia   **Charlottesville, VA**
Bachelor of Arts in Computer Science and Biology, Minor in Psychology   *May 2021*

PROJECTS

Exercise Gamification Application

- Developed fitness web application with 4 team members that allowed users to track exercises, add friends, and compete with friends list
- Created User Profile and Activity Log features and coordinated front-end development and UX design
- **Used:** Python; Django; SQLite; JavaScript; HMTL/CSS; Scrum Agile Methodology; REST API; Git; GitHub; Heroku