ELENI ARVANITIS KONIOR

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EDUCATION

New York University, New York, NY   May 2014
College of Arts & Science
Bachelor of Arts, Economics | *Minor in Political Science*

Fullstack Academy, New York, NY   Dec 2017
The Grace Hopper Program
Certificate, Computer Software Engineering

EXPERIENCE

Cisco Meraki, Remote   Apr 2022-Present
Full-Stack Software Engineer
- Pushing boundaries, optimizing experiences, and experimenting with new tech for millions of Meraki Dashboard clients using TypeScript, React, and Go

Bloomberg LP, New York, NY / Remote   Jul 2018-Mar 2022
Full-Stack Software Engineer
- Built external REST APIs in Python and C++ using Server-Sent Events (SSE) and RabbitMQ for unidirectional live data streaming of millions of daily events
- Directed projects by working with clients, product managers, and other engineering teams to define project specs, system design, and timeline
- Served as Tech Rep, a position held by 10% of engineers, by reviewing teams' front-end UI/UX and driving adoption efforts in React, Docker, CMake
- Incorporated design patterns (factory, template) to shorten the development process to a maximum of 2 days when introducing new API endpoints
- Led a team of 7 engineers launching DEI initiatives and trainings for over 200 engineers, including a platform built in React and JavaScript
- Created a Python package to replace Shell start-stop scripts decreasing the size by 83% and alleviating uncertainty around new development or deprecation
- Expanded automated order routing engine in C++ and streamlined frontend in JavaScript that increased trading usage by 33% across global exchanges
- Constructed a distinct aggregation system in C++ to handle bidirectional client messaging with respect to interests in securities and exchanges
- Reduced synchronous 4-part, 2-hour build system in to 1 parallelized CMake buid that now takes minutes to compile and run automated unit tests
- Pioneered efforts in creating quality software with enforced checks on GitHub pull requests (PRs) so reviews focus on logic, optimizing code, and design
- Engineered new proprietary software in Python to automate agency MBS workflow that decreased manual deal overview time by 45%

Fullstack Academy, New York, NY   Jan 2018-Apr 2018
Front-End Software Engineer & Teaching Fellow
- Taught 36 students how to utilize ES2015 and overall structure of React-Redux
- Managed three student projects from ideation to deployment serving as a technical mentor to assist in architectural design and code reviews
- Aided in recognizing error patterns and how to properly debug code

PROFESSIONAL SKILLS

Languages: Expert: Python, JavaScript/ Node; Intermediate: C++; Novice: Rust

API Layer: Flask, Server-Sent Events

Web Development: React, Webpack, Babel, HTML, CSS, Progressive Web Applications (PWA)

Databases: SQL (PostgreSQL), NoSQL (Firebase Database)

Testing: pytest, Jasmine, GoogleTest, gMock, Test-Driven Development (TDD), Jest, Enzyme

Tools: Docker, Grafana, AWS (Lambda), CMake, Firebase Hosting

Quality: pylint, black, eslint, prettier, clang, clang-format

TECHNICAL PROJECTS

Personal
Solo Front-End Engineer | Code | Demo
- Deployed a React PWA with Firebase (Hosting, Database) for painless deployment and real-time portfolio and writing updates
- Achieved Lighthouse scores of 100 using Webpack 5 and PWA guides
- Focused on front-end testing using Jest and Enzyme to ensure behavior across screen sizes

"What is My Purpose?"
Solo Engineer | Code | YouTube
- Produced a "Rick and Morty" robot using Arduino and a kit in one day
- Applied Alexa Skills Kit and AWS Lambda for voice functionality mimicking the episode's dialogue

AWARDS

Grace Hopper's Mad Scientist Award
NYU CAS Academic Scholarship
Dean's Research Fund Grant Recipient