

# 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*

- Directed a HTTP REST API project consisting of 5 engineers, which generated over \$1 million in contracts the first three months post release
- Built an external REST API using Python, C++, Flask, Server-Sent Events (SSE), and RabbitMQ for unidirectional live data streaming of millions of daily events
- 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
- Spearheaded 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 build 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**