

# 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*

## EXPERIENCE

**Cisco Meraki**, Remote Apr 2022-Present  
*Senior Full-Stack Software Engineer*

- Lead a team of 7 peers in automating company-wide database migrations for faster, error-free deployments and reducing downtime and maintenance costs
- Reduce migration steps by over 50%, aligning migrations with Rails / Postgres norms to improve throughput and developer experience
- Optimize ActiveRecord queries, slashing API response time and page load time by 88% to enhance customer satisfaction and reduce complaints
- Design an automated GDPR system that decreases customer PII deletion time by 86% and frees up engineering resources for higher-priority tasks
- Mentor new hires and rotational engineers enabling them to be self-sufficient and reducing guidance reliance by 95%, boosting team productivity by 30%
- Develop cutting-edge networking features using TypeScript, React, and Redux Toolkit that result in an average customer retention rate of 90%
- Identify and solve complex engineering problems at team and company levels that enhance confidence in development, features, and deployments
- Champion adoption of emerging technologies and innovative initiatives that boost project completion speed by 40% and reduce required code by 25%

**Bloomberg LP**, New York, NY / Remote Jul 2018-Mar 2022  
*Full-Stack Software Engineer*

- Directed an 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 TypeScript that increased trading usage by 33% across global exchanges

**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
- Aided in recognizing error patterns and how to properly debug code

## PROFESSIONAL SKILLS

**Languages:** Python, JavaScript/Node, C++, Ruby/Rails, Scala, Rust, Java

**API Layer:** Flask, Server-Sent Events

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

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

**Testing:** React Testing Library, Jest, pytest, RSpec, GoogleTest, gMock, Test-Driven Development (TDD)

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

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

## TECHNICAL PROJECTS

### "What is My Purpose?"

*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**