Gabriel (Gavri) Kepets

gkepets@gmail.com | gavrikepets.com | github.com/gkgkgkgk | 201 286 3988

Education and Skills

The Cooper Union for the Advancement of Science and Art
Master's in Electrical Engineering - *Expected Graduation: Spring 2024*
Bachelor's in Electrical Engineering, Minor in Computer Science - *Graduated in Spring 2023*
Relevant Coursework: Electronics, Data Structures and Algorithms, Operating Systems, Databases, Signal Processing, Natural Language Processing, Software Engineering, Communication Networks, AI, Financial Signal Processing, Deep Learning, Computer Graphics

Technical Skills: Programming, Databases, AWS, Unity3D, Blender
Proficient Programming Languages and Databases: C++, Python, Java, JavaScript, Golang, Odin, DynamoDB, MongoDB, MySQL

Work Experience

Amazon, Seattle, WA
Software Dev Engineer Intern - Amazon Connections - *Summer 2023*
- Created a feature to collect a new type of data point for the Connections team to gather feedback from high profile employees at the company. The new feature was integrated into Amazon Connections, an application used internally at Amazon to collect feedback from employees, and pushed into production. (Java, React, AWS)

Software Dev Engineer Intern - Amazon Connections - *Summer 2022*
- Created a component on the Amazon Connections administration platform to track metrics that indicate the progress and health of internal research campaigns. (Java, React, AWS)

Bluestamp Engineering (www.bluestampengineering.com), Remote
Director - *Summer 2021 through Spring 2022*
- Coordinated enrollment, procurement and distribution of equipment for 125 students. Managed a team of 11 instructors.

Instructor - *Summer 2020*
- Guided students through electrical engineering and software development projects. Taught students and managed projects involving numerous technologies such as Arduino, Raspberry Pi, Unity3D, and more.

BGC Partners (www.bgcpartners.com, NASDAQ-BGCP), NY, NY
Full Stack Developer - Automation and FENICS Teams - *Summer 2019*
- Introduced and developed an agile workflow with continuous integration, deployment with Docker / Kubernetes support for application codebases. (Java / Node.js / Git / Jenkins / Docker / Kubernetes)
- Developed a new launchpad for FENICS, an electronic US treasuries trading platform. The new launchpad integrates real time market data, news, and streamlines the user experience when launching the trading applications. (Node.js / React.js)

Autofleet (www.autofleet.io), Tel Aviv, Israel
Full Stack Developer - *October 2018 through April 2019*
- Developed an adapter and improved changes to the core codebase to allow integration between Autofleet services and a large ride sharing company in preparation for a pilot. (Node.js / Kubernetes / MySQL / RabbitMQ)
- Worked closely with the CEO, CTO as well as the other developers to prepare the company for product launch.

BGC Partners (www.bgcpartners.com, NASDAQ-BGCP), NY, NY
Developer / QA Engineer - Market Data & QA Automation Teams - *Summer 2018*
- Expanded automated GUI test frameworks for FENICS UST (US Treasury trading platform) with interactive data visualization for test framework results. (Java, ELK Stack)
- Developed a new automated integration test framework for verifying trade data between Front and Middle office services.

Developer - Post Trade Development Team - *Summer 2017*
- Developed a multi-asset class transaction netting engine. Resulting code was put into production. (Java)

Leadership Roles and Extracurriculars

Teaching Assistant at The Cooper Union - *Fall 2021*
- Assisted students in Sophomore Lab with equipment and assignments focused on electronics and lab instruments

The Cooper Union Soccer Team - *2019 through present*