

Azimjon Ilkhomov

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EXPERIENCE

- **Fidelity Investments** Jersey City, NJ
Jan 2020 - Present
Software Engineer
 - Contribute to the presentation, application, and data tiers of a fixed income trading platform which involved understanding of various technologies such as Apache Kafka, Spring Boot, Oracle SQL, and Angular
 - Refactored legacy code to use extensive state management with NgRx and to better align with standards resulting in increased readability which reduced the time and effort required to implement new features
 - Utilize the DRY principle by generating models and services from swagger specification file to interact with microservices
 - Offer quick and useful insight on root causes of bugs by enforcing pull request and commit message standards
 - Implement full e2e automation using Selenium and Cucumber following BDD practices to spot regressions promptly as well as reduce manual testing effort
 - Developed a script from the ground up to automate the generation of SQL scripts of interrelated, multi-table data from an Excel workbook saving an extreme amount of manual effort and reducing room for human error
- **CUNY Tech Prep** Brooklyn, NY
Jun 2019 - Dec 2019
Student, Software Developer
 - Selected for a full stack JavaScript training program, as one of 125 students out of 400+ applicants
 - Learned in-demand technologies like React, Node + Express and PostgreSQL as well as industry best practices for design, implementation and deployment such as MVC, version control with Git/GitHub, Agile & Scrum with Trello and Slack, test driven development and CI/CD
- **New York City Department of Education** Brooklyn, NY
Sep 2018 - Dec 2019
Information Technology Intern
 - Managed over 200 technology devices including smartboard, desktops, laptops and iPads by keeping them up-to-date and free of issues as a result increasing overall security and satisfaction of the users
 - Created a ticketing system using Google sheets that allows for efficient issue tracking of technical devices leading to increased productivity
 - Developed a (Android/iOS) mobile application that allowed for quick retrieval of vital information such as device location and status about any specific device in the inventory
 - Train 20+ teachers and staff to use the latest technology including SMART Products and GSuite by explaining it in a simple, non-technical manner

PROJECTS

- **Tracked** — ajilk.com/tracked *Jun 2019 - Aug 2019*
Developed a mobile application (Android/iOS) for New York Department of Education that tracks the location and status of 200+ technology devices at Brooklyn Studio Secondary School. Built using Flutter SDK and Firebase to achieve cross mobile platform compatibility as well as fast user authentication and data retrieval
- **ajilk.com** — github.com/ajilk/ajilk.github.io *Jul 2019 - Present*
Built a personal website using modern web technologies (Jekyll). Utilized the Bootstrap framework to achieve modern UI in order to provide meaningful and positive user experience. Hosted via GithubPages using a custom domain
- **foodwaze** — github.com/ajilk/foodwaze *Aug 2019 - Dec 2019*
Developed a full stack website with a team of three that allowed users to share when and where there are free/low cost food available around them. Utilized passport.js for user creation/authentication along with PostgreSQL and clouinary for data storage. Express.js and React + Bootstrap was used for the backend and frontend, respectively

SKILLS / CERTIFICATIONS

- **Programming:** TypeScript, Java, Python, C++, Bash, Node.js, SQL
- **Technologies:** Angular, Git/Github, Flutter, Electron, React, Express.js, Bootstrap, Docker, Spring Framework, NgRx, Kafka
- **Certifications:** AWS Certified Developer – Associate (K8X5RX5BF1111S90)

EDUCATION

- **City University of New York - Brooklyn College** Brooklyn, NY
Aug 2016 - Dec 2019
Bachelor of Science in Computer Science — Minor in Psychology — GPA: 3.4/4.0
- **Relevant Courses**
Analysis of Algorithms, Data Structures, Database Systems, Calculus I, Calculus II, Calculus III, Discrete Mathematics