

EXPERIENCE

- Citi** Jersey City, NJ
Technology Analyst *June 2019 – Dec. 2021*
- Collaborated with multiple internal and external engineering teams to design and implement a dashboard for bankers, streamlining the mandatory Know Your Customer review of key client risk information
 - Implemented a process that tracks the quality of communication between the operations and business teams by developing a feature to upload email and creating a worker service to process it into a secure central storage
 - Improved the maintainability of a critical database in the enterprise Futures execution platform by redesigning 3 client reports to use a Java Spring service pulling data from Elasticsearch
 - Worked with teammates and business globally throughout the development cycle
- Citi** New York, NY
Summer Technology Analyst *June – Aug. 2018*
- Built a dashboard for application tracking and management with a React front-end and Node.js back-end
 - Worked closely with the stakeholder to gather requirements and improve the design throughout the project
 - Held a daily scrum with teammates to discuss progress on deliverables and to resolve blockers
 - Wrote unit tests for each React component and function using Jest and Enzyme throughout development

EDUCATION

- Stony Brook University** Stony Brook, NY
Bachelor of Science in Computer Science; GPA: 3.74 *Aug. 2016 – May 2019*
Courses: Cloud Computing, Software Engineering, Data Structures, Algorithms, Computer Security Fundamentals, Principles of Database Systems

PROJECTS

- StackOverflow** - *React, Node.js, Express, MongoDB, Elasticsearch, Cassandra, RabbitMQ* *Mar. – May 2019*
- Implemented a Stack Overflow platform that can handle 200,000 concurrent requests and 1000 users
 - Created a back-end service, using the Express framework, that communicates with multiple database servers
 - Load balanced millions of requests across many servers using NGINX and scaled up services to ensure high availability
 - Eliminated bottlenecks in processing using RabbitMQ servers to queue requests
- InLinked** - *Angular, Node.js, Express, Knex, MySQL* *Oct. – Dec. 2018*
- Implemented an attractive and powerful UI using the Angular and Bootstrap frameworks
 - Developed a REST API that is secured with JWT authentication and connects with a MySQL database
 - Structured database with relationships and constraints between job and user entities

TECHNICAL SKILLS

Front-end: HTML, CSS, Typescript/Javascript, Angular, React
Back-end: Java (Spring), C# (.NET Core), Node.js, Python
Data: SQL Server, MongoDB, ELK Stack