

Gabe Chai

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Professional Experience

Software Engineer In Test

Mar 2021 - Aug 2021

Crossborder Solutions

New York, NY

- Planned, created and executed manual and automated testing using Javascript and TestCafe
- Reduced deployment time from 3hours to 1hour by adding additional tests to increase release confidence
- Led education efforts for fellow team members on QA best practices and tools through lunch and learns and other team information seminars
- Created and organized test plans, test sets and test repositories using X-Ray on JIRA
- Deeply involved every step of the development process, from planning to deployment. Helped steer team in the direction of having more testing
- Considered and clearly communicated risks to the team and management
- Tools used: Javascript, TestCafe, CircleCI, Okta, SQL

QA Engineer

Nov 2019 - Jan 2021

Known (formerly Schireson)

New York, NY

- Built web applications, APIs and web-based user experiences for data analysis and visualization utilizing vue.js
- Architected and implemented solutions that scale in volume and flexibility utilizing RabbitMQ, Celery and JMeter
- Crafted data analysis, database queries and data processing pipelines
- All of the QA/Validations tests ran either on build with CircleCI or on a schedule with Airflow
- Sped up turnaround time on releases by more than 50% with automated testing
- Planned Test Strategy on automating the tests and creating the functional test cases.
- Reviewed and analyzed the business requirement documents and user specifications
- Worked closely with the engineers, product and the client to identify weaknesses and inconsistencies in the product at all stages of the development lifecycle
- Created Postman runner tests for the dev teams to quickly test and get feedback on new services
- Wrote end to end tests that validated pipelines that dealt large amounts of data (~20 GB/day)
- Tools used: Python, Cucumber, Celery, SQL, Pandas, Postman, Docker, Helm, Sentry, Selenium, Swagger and Auth0

Software Engineer

Oct 2018 – Nov 2019

Verve Wireless

New York, NY

- Built Appium / Cucumber continuous integration suites for iOS and Android
- Created a Selenium framework for testing of an internal order management platform
- Designed acceptance criteria and corresponding automated tests for internal APIs
- Stress / load tested an evolving server architecture using JMeter and Postman
- Data analysis which involved correlation of time-based inputs and resulting result sets
- Handled all aspects of integration and initial on-boarding of SDK network publishers
- Managed the integration process of new partners, including oversight on the builds of white label iOS/Android apps
- Tools used: Xcode, Android Studio, Charles, Fiddler, Jenkins, Cucumber, JIRA, Postman, JMeter, Maven and Swagger

Education

City University of New York (CUNY) - Hunter College

September 2012 - June 2016

- Bachelor in Computer Science with a minor in Mathematics
- Relevant Coursework - Networking, Machine Learning, Computer Architecture, Advanced Discrete Structures, Operating Systems, Computer Theory, Databases

Skills

- Fluency with Python, SQL, C++ and embedded systems
- Working experience with MatLab, Javascript, Java, Swift and HTML5
- Proficient with - LAMP, AWS, Microsoft Azure, RESTful APIs, PostgreSQL, NoSQL and Pandas
- Working experience with - Git, Selenium, Cucumber, Machine Learning, Jenkins, and Linux Command-Line Interface