

Gabe Chai

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Professional Experience

QA Engineer

Nov 2021 – Jun 2022

Gemini

New York, NY

- Owned the design and implementation of tests, working closely with multiple teams to ensure consistent UX in the buying and selling of cryptocurrencies via the mobile app, retail UI and ActiveTrader platforms.
- Designed, implemented and maintained test automation frameworks in collaboration with other teams, for a total of over 500 tests leading to reduced QA cycle time of 6 hours per release.
- Led education efforts for fellow team members on QA best practices and tools through lunch and learns and other team information seminars.
- Worked closely with the engineers, product managers and the client to identify weaknesses and inconsistencies in the product's APIs and UIs at all stages of the development lifecycle.
- Reviewed and analyzed the business requirement documents and user specifications for the purposes of writing appropriate regression testing playbooks.
- Tools used: Python, Testrail, Jenkins, Splunk, AWS and PostgreSQL.

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, reducing deployment time from 3 hours to 1 hour through adding additional tests to increase release confidence.
- Created and organized test plans, test sets and test repositories using X-Ray on JIRA.
- Provided direction and feedback to teammates on deployment process and risk management.
- Tools used: Javascript, TestCafe, CircleCI, Okta and SQL.

QA Engineer

Nov 2019 – Jan 2021

Known (formerly Schireson)

New York, NY

- Built web applications, APIs and web-based UIs for data analyses and visualizations utilizing vue.js.
- Architecturally implemented scalable applications in volume and flexibility utilizing RabbitMQ, Celery and JMeter.
- Crafted data analysis, database queries, and data processing pipelines.
- Planned Test Strategy on automating the tests and creating the functional test cases.
- Created Postman runner tests for the dev teams to quickly test and obtain feedback on new services.
- Wrote end to end tests to validate pipelines that handled large amounts of data (~20 GB/day).
- Tools used: Python, JMeter, SQL, Pandas, Airflow, CircleCI, Docker, 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 an internal order management platform.
- Designed acceptance criteria and corresponding automated tests for internal APIs.
- Led load tested on an evolving server architecture using JMeter and Postman.
- Handled all aspects of integration and initial on-boarding of SDK network publishers 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 - 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 & Interests

Skills: Solution architecting, cloud-based architecture, strategic planning, startups, scrum, user-centric design

Interests: Smarthomes, hardware hacking/tinkering, biking, sci-fi tv