

James Wong

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EDUCATION

Macaulay Honors College, The City College of New York
Bachelor of Science, Computer Science

June 2019

TECHNICAL SKILLS

Programming Languages: Ruby, Python, JavaScript, Java

Technologies: Ruby On Rails, PostgreSQL, AWS (ECS, S3), Datadog, NewRelic, Looker, React/Redux, Flask, HTML/CSS, Git, Jira, Heroku

EXPERIENCE

Software Engineer, Subscriptions
Stash

August 2019 - Current
New York, New York

- Implemented and maintained invoicing in both the legacy and updated subscriptions systems that concurrently handle millions of invoices per month
- Completely reworked the subscriptions service using AWS, event-driven architecture with Kafka, and Ruby on Rails that has since supported over three million new users
- Led a team of three backend engineers in efforts to add business metric observability and data integrity monitoring using Datadog and SQL
- Built a full stack solution for the subscription reactivation flow using React/Redux and Ruby on Rails
- Acted as the subscriptions subject matter expert for stakeholders in the Engineering, Data Science, Marketing, and Customer Experience teams
- Refactored “Challenges” and “Next Steps” systems using data normalization and N+1 query optimization

Software Engineering Intern, Corporate and Investment Banking Technology
JPMorgan Chase & Co.

June 2018 – August 2018
New York, New York

- Developed an internal Python reporting tool to reduce the length of the audit log reconciliation process in equities trading compliance by 30 hours/month
- Worked with a team of three to integrate processed configuration files into a global monitoring tool to be used by several entities within JPMorgan Chase & Co. for a high level overview of the trading environment
- Leveraged an agile workflow to quickly deliver new features by tracking issues through Jira, collaborating in scrum meetings, and developing in sprints
- Developed and optimized existing REST API endpoints to provide electronic trading information and to reduce database insertion times using Spring MVC

PROJECTS

Youtube Auto Quality *Javascript*

October 2021

- Published an open source Chrome extension for maximizing video resolution on Youtube as an alternative to the auto quality feature

News Map, HackNY F18 *Flask, IBM Watson NLU API, NYTimes API*

September 2018

- Designed a web app that maps current events around the world to inform people of news bias
- Extracted location data from articles using geocoding to serve real-world coordinates from a Flask API

Better Business Buddy, NS Hackathon F17 *React, Flask, Yelp API*

November 2017

- Led a team of four to design a web app to guide budding entrepreneurs in the restaurant industry by providing researched cost/credit estimates and potential competitors
- Received JPMorgan Chase & Co.’s award for the Best Hack for Empowering Minority Entrepreneurs

GIFRadio, HackNY F17 *Node.js, Express.js, GIPHY API*

October 2017

- Developed a wordless music recommendation web app in a team of three that provides an alternative means of discovering music
- Created an API that provides a random list of GIFs as possible search queries to generate a Spotify playlist