

Alexander Francis Chin

New York, NY

☎ 201-638-8380 | ✉ alex.chin23@gmail.com | 💻 www.github.com/alexchinn | 🔗 www.linkedin.com/in/alexanderfchin

Education

State University of New York at Stony Brook, Stony Brook, NY

Aug. 2015 - May 2019

B.S. IN COMPUTER SCIENCE, MINOR IN BUSINESS MANAGEMENT

Hong Kong University of Science and Technology, Hong Kong

Aug. 2018 - Dec. 2018

STUDY ABROAD

Skills

Python, Java

AWS (S3, SNS, SQS, LAMBDA, DYNAMODB, RDS), TERRAFORM, SQL, FLASK, LINUX, GIT

Work Experience

FactSet Research Systems

July 2019 - Present

SOFTWARE ENGINEER

- Spearheaded infrastructure as code initiative utilizing Terraform to migrate existing systems from local servers to AWS cloud.
- Migrated Futures and Telekurs pricing archives and daily update run streams to AWS.
- Transformed vendor pricing data to appropriate Factset compatible standards.
- Worked alongside product managers and engineers to create internal query tools for pricing data.
- Handled on-call rotation, ensuring the stability of systems.

FragranceX.com

June 2018 - Aug. 2018

SOFTWARE ENGINEER INTERN

- Utilized Zendesk API to migrate user accounts, increasing customer support efficiency.
- Utilized Twilio API to create automated outbound call center, leading to higher sale conversions.
- Created .NET MVC solutions reducing time between product sale and warehouse shipment.
- Addressed bugs fixes and enhancements on FragranceX.com, resulting in smoother UX.

Projects

ARK Investments Discord Bot

Feb 2021

DISCORD BOT (PYTHON, EC2)

- Web scraped Ark Funds Intraday Trade files and aggregated data into one formatted file.
- Configured AWS EC2 to send out notifications to discord server every weekday.

Chirp

May 2018

TWITTER CLONE (FLASK, MONGODB, NGINX, OPENSTACK, MEMCACHE, ELASTICSEARCH)

- Developed a distributed web application capable of handling 1 million+ HTTP requests in 1 hour.
- Handled account creation, sessions, follower system, media upload, text post creation, and search.

SMS-MD

Mar. 2019

HACKHEALTH SMS SYMPTOM DIAGNOSIS (FLASK, GOOGLE CLOUD PLATFORM, TWILIO)

- Awarded Best Medicine Hack.
- SMS Application that texts back the symptoms of a requested disease.

Roombalistic

Feb. 2019

HACK@CEWIT IoT HACK (PYTHON, GOOGLE CLOUD PLATFORM, RASPBERRY PI, ROOMBA)

- Awarded Best use of Google Cloud Platform Hack & Viacom - Best Multimedia Hack.
- Remote controlled Roomba with attached face detection/recognition camera module that fires laser upon recognition.
- Raspberry Pi controlled camera module streams video frames to GCP Storage where faces are detected using GCP Cloud Vision and classified using GCP AutoML.