

Kason Kang

kasontk7@gmail.com ❖ (408) 663-3559 ❖ San Francisco, CA

WORK EXPERIENCE

Amazon

Aug. 2020 – Jan. 2023

Software Development Engineer

Sunnyvale, California

- Backend Engineer for AWS Honeycode, a low-code/no-code platform for creating applications
- Implemented and maintained several core REST API's that retrieved and manipulated data from our pods
- Led campaign to fork codebase and create a new CI/CD pipeline for a new subproduct
- Worked on campaign to refactor code to support a new MVCC database (RocksDB)
- Created metrics/alerts/dashboards and handled team and service-level operations using AWS Cloudwatch

Amazon

Jun. 2019 – Aug. 2019

Software Development Engineer Intern

San Francisco, California

- Frontend Engineer for the Mobile Runtime team in AWS Honeycode
- Added several key UI features to the inbox screen of the mobile experience
- Reduced perceived latency of several "slow" user actions by refactoring the Redux framework
- Continuously collaborated with Product Managers to make quick changes based on user testing

Amazon

Jun. 2018 – Aug. 2018

Software Development Engineer Intern

Seattle, Washington

- Backend Engineer for the Voice Intelligence team within the Customer Service Technology Org
- Created a program that outputs the timestamps of where speech exists in an audio clip using an internally created ML NLP model
- Project helped remove unnecessary silence from audio which decreased the latency of their subtitle service by 9%

EDUCATION

University of Michigan

May 2020

B.A in Computer Science

Ann Arbor, Michigan

- Mentor in Michigan Community Scholars Program; 3.61/4.0 GPA, Coursework in C++
- Studied abroad in London, U.K during spring 2019 semester at King's College London

PROJECTS

HQ Trivia Bot

December 2017

- Wrote a Python Script for a mobile trivia game called HQ Trivia that answers questions in under 5 seconds with an 85% success rate
- Used Google Vision API to detect text in the image, translating them into strings
- Designed an algorithm that summed the frequency of each word in the search result to determine the best answer

SKILLS

- Trilingual in English, Spanish, and Chinese (Mandarin)
- Professional Experience in: Java, Python, Ruby
- Other Experience in: Typescript, React/Redux
- Other Languages: C++, SQL
- Agile, CI/CD, Integration Test Automations, Canaries
- AWS Cloudwatch, EC2, SQS/SNS, S3, CloudFormation, DynamoDB, Lambda, API Gateway
- Git, Vim, REST APIs, OAuth, Docker, NLP, TensorFlow