Kaz Hishida

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Education

University of California, Irvine — Irvine, CA
BS, Computer Science — Sep 2019 - Jun 2023
Relevant Coursework: Python Programming, Programming in C++, Information Retrieval, Computer Networks, Data Structures, Machine Learning, Software Engineering, Linear Algebra

Skills

Languages: Python, Golang, C++, Ruby, JavaScript
Technologies: SQL, MongoDB, Flask, Gin, Gorm, Rails, React, NumPy, Git

Experience

Cisco Meraki — San Fransisco, CA
Software Engineering Intern — *May 2021 - Sep 2021*

· Developed across the stack for the Gateway team in both firmware in C/C++ and on the dashboard in Ruby, specializing in the dashboard for my project to bring eSIM technology to Meraki Gateways.
· Took ownership in the project by working directly with our product manager and third-party vendors in addition to presenting directly to senior leadership to greenlight and fund the project.
· Completed a demo of the project two weeks ahead of the deadline by methodically writing Agile stories and coordinating work between firmware and dashboard to automate a seamless user experience in activating SIM profiles in under 1 minute, 90% faster than the 10 minute average manually.

Sezzle — Minneapolis, MN
Software Engineering Intern — *Jan 2021 - May 2021*

· As one of three engineers on the Shopper-Finance team, I took ownership of my projects and played a critical role in achieving quarterly goals in a high-stakes, fast-paced environment.
· Collaborated closely with product managers and the other engineers to help plan, develop, and test other new products, such as peer-to-peer payments, rewards, and social networks.
· Rapidly architected, coded, tested, and launched the back-end for user and partner referrals in under two weeks to meet a deadline for a partnership with another major fintech company that is intended to increase conversion rates by up to 70%.

Personal Projects

Toll-Free Data — *Python, Twilio, Flask, MongoDB, HTML, CSS, Bootstrap*
hishida.tech/tollfreedata

· Launched a full stack web application that allows users to text a toll-free number to access data such as sports scores through SMS in situations where internet is not an option by utilizing Twilio and Python. Implemented REST API to handle account creation and interaction with Twilio SMS service.

Snake AI — *Python, TensorFlow, Keras, NumPy, Pandas, Tkinter, JSON*
hishida.tech/projects/deeplearning

· Leveraged TensorFlow and deep learning to implement a neural network to design an AI for the snake game. Incorporated an optimized genetic algorithm to train the neural network and maximize effectiveness that halved training times and tripled the average score, saving models in JSON files.

Collaborative Calculator — *Go, Gin, JavaScript, React, WebSocket, Heroku*
collaborative-calculator.herokuapp.com

· Deployed a full-stack web application utilizing a Golang back-end and ReactJS front-end to assemble a calculator that instantly shares recent calculations to all users in real time by incorporating WebSocket connections and stores results between sessions.

Tweet Simulator — *Python, Tweepy, TCP Sockets, Twitter API*
github.com/KazHishida/Tweet-Generator/

· Devised a TCP-socket server that can generate tweets that simulate a given user through an AI implemented using a variable-order markov chain trained on a corpus of tweets and utilized Twitter API to allow the server to publish tweets directly to Twitter or update its model in real time.