Brian Ho

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EXPERIENCE

Amazon

Software Development Engineer Intern

May 2019 - Aug 2019

Seattle, WA

Voice Infrastructure Engineering team on AWS Chime.

Developed a fraud identification tool that detects and blocks attackers attempting to commit International Revenue Share Fraud within the Voice Connector service.

Worked on an API service that produces rates for customers and least-cost-routing-ish tables to route calls based on cheapest carrier rates.

Connexity

Software Engineer Intern

Jun 2018 - Aug 2018

Los Angeles, CA

Created an admin tool (developed front-end, middleware, back-end) for Hitwise Audience View to allow users to manage and delete segments and their respective report dependencies.

PROJECTS

Weather Application Design

User Interface Design Course Project

Summer 2018 (brianjho.github.io/files/projects/cs160/waft_report.pdf)

Designed a mobile application that would simulate certain functions and procedures of a weather app using HTML. Applied interface design ideas taught in class to satisfy a specific situation, task, and user for the app.

Mesh Editor - Downsampling and Remeshing

Computer Graphics Course Project

Spring 2018 (elizabethschafle.github.io/cs184_finalproject/)

Worked with team members Elizabeth Schafle and Jose Chavez to implement functions that perform mesh downsampling and re-meshing for our final project. Extension of our earlier MeshEdit project which performed other mesh manipulation functions such as upsampling/subdivision, edge flips and splits.

EDUCATION

University of California, Berkeley

B.A. Computer Science, Music Minor

GPA: 3.5

Aug 2016 - Present

Relevant Coursework: Data Structures, Discrete Math and Probability Theory, Efficient Algorithms and Intractable Problems, Computer Graphics, Artificial Intelligence, Music and Computing, Data Science

SKILLS

Languages: *Java, Python, HTML/CSS, C, C++, SQL*

Tools: *Git, Autodesk, Adobe*

Services: *Amazon Web Services (AWS) Cloud Computing*

ACTIVITIES

Musical Activities Committee for the University of California Marching Band

Animation

Piano/French Horn

Magic tricks enthusiast