Jeffrey Chiu

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Education

Carnegie Mellon University
Expected May 2021
B.S. in Information Systems
Minor in Business Admin.

Coursework

Information Systems Consulting
Application Design and Dev.
Mobile App Design and Dev.
Database Design and Dev.
Human AI Interactions
Practical Data Science
Design Fundamentals
Probability Theory
Imperative Computation
Operations Management

Skills

Programming Languages:
Python, SQL, Swift, Ruby, C, R, HTML/CSS, PHP, JavaScript
Technologies: Node.js, Caffe, PostgreSQL, SQLite, MySQL, MongoDB, Redis, Figma, Unity, Flask, Jinja, Rails, WordPress
Spoken Languages:
English(fluent), Chinese(fluent), French (conversational)
Additional: Adobe CC

Leadership

ECAASU National Board
Events Coordinator (Present)
Asian Students Association
Vice President (2019)
Phi Delta Theta PA Rho
Philanthropy Chair (2019-2020)

Experience

Intel Corporation — ML Workload Development Intern 2020
➢ Developed neural nodes to work with various machine learning workloads and connect with architectural benchmark tools
➢ Generated automated process to parse through neural networks and create python files running through a CPU process
➢ Created references for how network files should be ran and how outputs should be modeled in a GPU process

NTU IoX Center — Software Engineer Intern 2019
➢ Built web application for Python-based Interactive Dialogue Robot system based on Model-View-Controller format
➢ Added authentication/authorization, dashboard, progress tracking functionalities using Ruby gems
➢ Defined task classes and intent classifications using multi-modally collected data for ease of usage and clarity within application

Projects

Yummy Plants | *Information Systems Consulting* — Spring 2020
➢ Developed custom CSS, JavaScript, PHP framework to update website and support website information
➢ Updated database structure and created information hierarchy to organize website information and backend
➢ Repurposed and configured plugins to support custom needs

Spotify Recommender | *AI Interactions Project* — Fall 2019
➢ Utilized Spotify API connecting on Python to work with Spotify playlists and tracks as well as generate song recommendations
➢ Worked with seeds and concepts of data analytics to generate recommendations based off of 13 unique song attributes
➢ Created web application with Flask and Jinja microframeworks, using concepts of Model-View-Controller

Peace in Pittsburgh | *HackCMU Project* — Fall 2018
➢ Created heat map filtered through crime severity, time of day to help CMU students to travel safely around Pittsburgh
➢ Used crime database to produce information onto heat map that was displayed with Google Maps API