Jeffrey Chiu

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Education

Carnegie Mellon University
Graduated 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.
Project Management
Human AI Interactions
Practical Data Science
Design Fundamentals
Imperative Computation
Operations Management

Skills

Programming Languages:
Python, C, SQL, Swift, Ruby, R,
HTML/CSS, PHP, JavaScript
Technologies: Node.js,
Angular.js, Svelte.js,
Framework7, Tensorflow,
PyTorch, Caffe, NumPy, Pandas,
Flask, Jinja, Rails, WordPress
Spoken Languages:
English(fluent), Chinese(fluent),
French (conversational)
Additional: Adobe CC

Leadership

ECAASU National Board
Events Coordinator (2020-21)
Asian Students Association
Vice President (2019)
Phi Delta Theta PA Rho
Philanthropy Chair (2019-2020)

Experience

University of Pittsburgh Web Developer 2021-Present
- ➢ Developed web applications in multiple frameworks to query an API with various authentication and authorization levels
- ➢ Generated Cron jobs for daily data imports into web applications to continually keep websites updated
- ➢ Developed cookie and storage sharing processes to enable persistent sign-on between domains and sub-domains

Intel Corporation Machine Learning 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 model references to streamline operation of how network files and outputs are modeled in a GPU flow process

CMU Heinz College 67-272 Teaching Assistant 2021
- ➢ Taught concepts of application design and development through Ruby on Rails
- ➢ Worked in lab sessions, office hours, assignment grading
- ➢ Guided students on debugging code in applications

Projects

MIXR | *Mobile App Design and Development* Fall 2020
- ➢ Created iOS application with Swift that created collaborative playlists based off of user song preferences with MVC architecture
- ➢ Utilized Spotify API/iOS SDK to work with tracks, create playlists, and analyze songs for distinguishable attributes
- ➢ Worked with seeds and concepts of data analytics to generate recommendations based off of 13 unique song attributes

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