**Philip Huang**

[Philiphuang2@gmail.com](mailto:Philiphuang2@gmail.com) | (415) 860-4705 | San Francisco, CA

**Technical Skill and Proficiencies**

**Languages** Python, Java, C, C++, HTML, CSS, Rest API/JSON, React, AJAX

**Database Management** RDBMS, SQL, MySQL SQL Server, JDBC

**Tools/Systems** Google Android Mobile App Dev, Win Server 2016, Linux/Unix, Mac OS X, Postman, GIT

**Development Methodology** Waterfall**,** Agile, JIRA

**Certification** Google IT Support Professional Certificate

**Personal Projects**

**Spotify Playlist Creator** (Current Developing)

Small Python-based application that creates custom playlists for uses based on their preferred song speed.

* Automatically creates playlist in User's Spotify account with descriptive playlist
* Custom gui that guides user in creating their playlist

**Location-Based Social Media Website** (Current Developing)

Blogging Website that records your favorite city and displays the current weather

* Generates accurate weather conditions hourly
* Tracks current users through cookies and stores their information from csv database

**School Projects**

**Movie Purchasing Website**

Movie Store Website with React Frontend and Java Backend using JSON endpoints and SQL storage.

* Integrated Paypal purchases through frontend
* Implemented multithreading and thread pool for better endpoint management

**Minecraft Combat AI**

Python-based AI that interacts with virtual environment to solve programmer led goals

* Developed Machine Learning parameters that led AI to defeat its partner
* Cooperated with team of 2 programmers
* Implemented and integrated the Project Malmo Framework

**Productivity Android Mobile Application**

A lightweight Android application that combines a calendar, note taking database and a way to search those notes for easy retrieval.

* Directed a project team of 3 members
* Constructed a local database to store users notes using csv files
* Optimized search function by 10% through keyword prioritizing

**Education**

**UC Irvine, Irvine, California 2020, BS, Computer Science, AI, Machine/Data Mining**

**Work Experiences/Internships**

**Novani,** Data center and network management company, San Francisco, CA, 2018

**Technical support Intern**

* Provided technical support to clients to resolve network issues.
* Negotiated pricing on network equipment/components and services from a variety of vendors on project code savings

**San Francisco Public Utilities Commission ,** 2014-2015

**Computer Programmer Intern**

* Optimized File Search System through improvements in system logic with my mentor
* Improvements in system error response time and user experience through custom Selenium test cases.

**Personal**

I love technology and helping people. In high school, I was a leader in the robotics competition team. In college, I taught English to elderly ESL students in my community,

**Philip Huang,** Software Developer

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**Location-Based** **Social Media Website** (Current Developing)

Blogging Website that records your favorite city and displays the current weather

* Shows the current weather in the selected city updated hourly
* Tracks current users through cookies and stores their information from csv database

**Movie Purchasing Website**

Developed Movie purchasing Website frontend and backend, interfacing through the JSON protocol and working with a MYSQL/SQL server for storage. Project developed on Java using React and AJAX.

**Minecraft Combat AI**

Developed Artificial Intelligence agent that improved itself through Machine Learning using Python and working off the base of Project Malmo, an AI experimentation platform built on Minecraft.

**Productivity Android Mobile Application**

Developed productivity mobile application on Android Studio using Java on a team of 3 members. Functionality included a calendar function, note taking using a localized database, and a search function into said notes.

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