Peter Hu

huchen.peter@gmail.com | 4158122681 | San Francisco | https://www.linkedin.com/in/peter-hu-0279211a2/

EDUCATION

BS Computer Science   Aug 2017 - Spring 2022

San Francisco State University, 1600 Holloway Avenue San Francisco, CA 94132 Major 3.5

WORK EXPERIENCE

Assistant Researcher   2021 - Present

SFSU, 1600 Holloway Avenue San Francisco, CA 94132

- Designed Python class for Computer Enginerring students by introducing OOP.
- Designed smart-glove with 88% accuracy by implementing Machine Learning with help of Arduino

Android Developer   Jan 2016 - Aug 2016

ZTE, China

- Design all the UI pages, augment bank safety kit to our app, and provide our own authentication(Gesture lock).

Android Developer   Jan 2015 - Jan 2016

LSJ(a chain resturant), China

- Generating QR code for customers to scan then saving orders and sending to kitchens. For exclusive recipe from the founder of this restaurant, using framework to surveil kitchen for recipe safety.

SKILLS

Programming Language	Java, Python, C++, React, HTML, Heroku, AWS, Linux, MongoDB, Postgres, Android, Distributed System, Data Structures, Operating System, Algorithm
Language	English, Chinese, Hebrew

PROJECTS

Uno game *Node.js, Express, Express-Generator, Sequalize, Postgres, Socket.io, Express-session*   https://fast-beyond-10302.herokuapp.com/
Designed a Uno game takes 4 players by using Socket.io to create a lobby with data manipulating from (Postgres)Database and broadcasting online chat.

Smart Glove *Arduino, C++, Linux, Python, Machine Learning, Algo: KNN, Breadboard Circuit, Bluetooth, Tkinter, Matplotlib*   can show you video and picture
A smart glove made with gyroscope and chip to track hand movements by implementing Arduino in C++ and sending data back to Linux. Meanwhile, with Machine Learning algorithm to catogrize movements.

ZTE pay *Java, Android, Bank tools, SHA256*   https://github.com/CCPeterHu/myApp.git
A bank app to manage your money while creating all the UI and my own gesture lock by Java

Rock Paper Sissor Online Game *Java, MongoDB, AWS, React*   https://github.com/sfsu-csc-413-fall19/final-project-powerpuff-freight-trains/tree/bc9574ac0f46719ec2f2195acf9069112a7ca7e8
A game that takes 2 players by React as frontend and Java as backend with session, socket, and MongoDB to manage data.

Blutooth Lock App *Android, Java, Bluetooth*
An app to lock/unlock our smart-lock by using Java coding

CERTIFICATE

Introduction to Tensorflow *Aug 2021*   Coursera
Load images via tensorflow, image trainning and classification.

Server-side Development with Node.js *July 2021*   Coursera
A full-fledged backend server with Node.js, Express and mongoDB