

Peter Hu

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EDUCATION

BS Computer Science

Aug 2017 - Fall
2022

San Francisco State University, San Francisco, CA

WORK EXPERIENCE

ASSISTANT RESEARCHER

2021 - Present

SFSU

- Design Python Class for Peer Researchers
- Smart Glove with Machine Learning
- Ros, Esp32, Arduino, Jetson

ANDROID DEVELOPER

Jan 2016 - Aug 2016

ZTE

- Build all UI/UX
- Augment bank safety kit
- Authentication via Gesture Lock (made my own)

LEAD WEB DEVELOPER

2022 - Present

BFS

- Join UI/UX design
- Code UI pages for Web Browser in React
- Design & Build Database in Mysql
- Design & Build Backend in Node.js
- Plan to move Backend to Next.js

SKILL SET

CS Langs	Java, JavaScript, Python, C, C++, Ruby, Pascal, Cobol
Front End	HTML, Ajax, Axion, React -Certificate, CSS, Android, iOS
Back End	Java SSH, Node.js -Certificate, Golang
Infrastructure	VPS Linux, AWS, Firebase, Heroku, Godaddy, Cloudflare
Database	MySql -Certificate, PostgreSQL, MongoDB
Human	English -Native, Chinese -Native, Hebrew -Beginner
Lang	
Other	Ap Biology - College Tier, Neuroscience -Certificate, Neuro Surgery for Med

PROJECTS

IM for a company *Java SSH, Java, MySQL*

An IM for daily routine as desktop program

Smart Glove *Arduino, Linux, Python, KNN, BlueTooth, ESP32, WiFi*

A Smart Glove with Gyroscope and Machine Learning equipped.

Research

Online UNO Game *Node.js, React, Express, Sequelize, PostgreSQL, Socket.io*

Design an UNO game

<https://10302.herokuapp.com/>

Database Design for a Hospital *MySQL work bench, Brain (Human Sorcery), Ream of Papers*

Database Design from Scratch

AWARDS AND CERTIFICATE

Hackathon 5th place *2021*

A Hackathon after brainstorm with nerdy students

SFSU

Introduction to Tensorflow *Aug 2021*

Load images via Tensorflow, image training and classification.

Coursera

Server-side Development with Node.js *July 2021*

A full-fledged backend server with Node.js, Express and mongoDB

Coursera

Neuroscience *July 2021*

A class for neuroscience for college students

Coursera

SQL database *Udemy*

Database design and implementation

Fab 2023

A lot of ongoing certificates *Future*

They are helping my insatiable thirsty of techs

Coursera, Udemy, UDACITY ...