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# Peter Hu

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Seeking for backend, AI or machine learning position.

## EXPERIENCE

2019 to 2020 SFSU

**Skills: ROS, bluetooth, ESP32, Machine Learning**

Situation: helping lab to work for our projects.

My task: ROS with image detecting, adding gyro to bluetooth motherboard, sending data via bluetooth and using KNN to detect hand motion.

Result: had a strong understanding of lab life and all the skills we are practicing. Ready for AI.

Fall 2020 at school

**Skills: (Web development, backend, MongoDB, Java session, Java Socket)**

Situation: need a website to play around.

My task: designing URL parsing logic, using Spark for endpoints, practicing React for frontend pages, integrating MongoDB as solid storage, and using AWS for server.

Situation: perfectly finished full stack class with an A.

Jan 2016 to Aug 2016

Company: ZTE

**Skills: Android developer(Android, bank tool kit integration for security)**

Situation: design an app to compete with Alipay.

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

Result: increasing our system safety by private interface from banks.

2015

Company: LSJ.

**Skills: (QR code, phonegap for light app, Zxing(generates QR code), Android )**

Situation: utilize up foodcourt-kitchen system. Because of the recipes are the IP from the chef, they don't want anyone copy it outside of company.

Quest: 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.

Result: Our app greatly improved the proficiency of food court-kitchen system with less need for waiters, short time for orders, protecting intellectual data of recipe from leaking.

2015

Company: A client of Computer Engineering

**Skills: BlueTooth Lock, Used (bluetooth protocol, Android, GPS), encryption for keys**

Situation: need an app to lock and unlock via bluetooth

Quest: I build an app with two bottoms for the functionality from ground.

Result: My app is the vital part of this project which gives convenience to people using our hardware

## SKILLS & ABILITIES

Java, Android, C++, Datastructure, ROS, C, Python, Pascal, Lua, R, AI, react, mongoDB, operating system, Shell command line programming, Distributed P2P, networking, Multithreaded programming.

## EDUCATION

2017-To 2021 Computer Science Bachelors, San Francisco, San Francisco State University