Henry Choo

3230 16th Ave W Apt 632, Seattle, WA 98119
Phone: (765)-404-4609 | **Email:** lchoo9294@gmail.com
Passionate software developer dedicated to developing and optimizing interactive, user-friendly, and feature-rich applications.

#Skills

Front-End	Back End	Source Control	FrameWorks	Others
Javascript ES6	REST	Git(Git Flow)	React / Redux	Java
CSS / SASS	MySQL	SCRUM / Agile	Bootstrap	C#
HTML	AWS	Github	AngularJS	Python
jQuery	MongoDB	Bitbucket	Semantic UI	Unity

#Technical Experience

Ilmu / Software Developer

May 2019 - Current : Malaysia | Remote

↳ Built a web application to increase the efficiency of the grading process in assignments and exams.

↳ Allow teachers to view the statistics of students based on classes or assignments.

↳ Executed React & Redux front-end in ES6, with Babel, Gulp, Webpack, and Node.

↳ API-based backend written in Javascript using Node, AWS and MongoDB.

Boileride / Software Developer

September 2018 - December 2018 : West Lafayette, IN

↳ Developed a ridesharing web application that allows users to create and join rides.

↳ API-based backend written in Node, Java and MySQL.

↳ Applied black-box testing, white-box testing, incremental testing and regression testing to the product.

↳ Documented different types of defects and classified their severity levels.

↳ Built with HTML, CSS, JS, Express and Google Maps Platform.

Purdue University / Research Assistant

October 2018 – May 2019 : West Lafayette, IN

↳ Researched on implementation of virtual reality and augmented reality on detecting cracked walls in the (AEC) industry.

↳ Developed mixed reality application using Microsoft HoloLens with Unity in C#.

↳ Trained machine learning model of walls cracks using Azure Computer Vision.

↳ Visualized data such as labels and bounding boxes in the real-world space using spatial mapping.

AR Escape / Software Developer

January 2019 – May 2019 : West Lafayette, IN

↳ Developed an AR mobile app in Unity that allows user to deploy a virtual escape room in the real world.

↳ Utilized Vuforia Augmented Reality library to develop the AR aspect of the app.

↳ Deployed and tested on both mobile platforms using XCode and Android Studio.

EZGrab / Software Developer

↳ Developed a web application that utilizes crowd-sourcing for the delivery orders.

↳ Implemented Vue.js, jQuery for the frontend and Node, Express, AWS, MySQL for the backend.

#Education

Purdue University / Computer Science

Spring 2016 - May 2019: Indiana