

# Henry Choo

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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