

KEJO HSIEH

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OBJECTIVE

CS New Grad looking for a Junior Developer position in a competitive company, where I can apply my Software Engineering and Full-stack development skills, while striving to create innovative products.

EDUCATION

Oregon State University

Intended Graduation: June 2019

M.S., Computer Science

Cumulative GPA: 3.9

TA Experiences: CS340 Databases / CS361 Software Engineering / CS562 Software Project Management

National Taiwan University of Science and Technology

Graduation Date: June 2013

B.S. Commercial Design

Cumulative GPA: 3.6

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, HTML5, CSS3, SQL

Frameworks: Node.js, React, Angular, Spring, Git, MongoDB

Others: AWS (Amazon Web Service), Agile methodology

INTERNSHIP

Full-stack Developer

Sep 2016 – Jan 2017

National Chiayi University Big Data Laboratory, Chiayi, Taiwan

Demo Video: <https://youtu.be/Bv3zLM6icWc>

- Built **Waterlog**: An motivational app that records user's water intake with a special self-measuring cup, checks if the user is hydrated, and sends notifications to remind the user to drink enough water to meet the daily goal.
- Implemented with iOS app and Arduino hardware sensor. Used Firebase to allow dynamic data storage.
- Reduced 95% of input time and improved accuracy of measurements by 40% compared to other apps.

PROJECT EXPERIENCES

Resumaker – Resume Generator – Full-stack Developer (Personal Project)

June 2018 – Current

- Resumaker generates resumes according to listed skills in a job post. Every time a job description URL is given, Resumaker scrapes the job post, filters your experiences, then generates a resume that makes the best fit.
- Improves 80% of job applying efficiency comparing to manually tweaking resumes.
- Built backend server with **Node**. Implemented database with MongoDB and Mongoose. Authenticates users with JSON Web Token. Encrypts and validates user passwords with bcrypt. Created **RESTful API**. Enables **CORS**.
- Built frontend with **React**. Implemented routing with react-router-dom, managed states with Redux. Used Axios and AJAX to make HTTP request. Deployed with Heroku and **Git**.
- Achieved 90% unit test coverage using Supertest.

Deaddrop – Social Networking System – Front-end Lead (Project of 8 Teammates)

Sep 2017 – Dec 2017

- Allows users to post short messages bound by geo-locations, users will be able to see what is happening around them via messages popping on the app's map. Implemented front-end with **ReactNative** and backend with **Node**.
- **Leader of frontend team**, supervised and taught ReactNative development to 4 team members.
- Developed unit tests with 90% coverage rate.
- Achieved 200 user downloads in the first month of release.

Course Register Web App - Full-stack Developer (Personal Project)

March 2019 – April 2019

- Implemented a system for students and teachers to create and register courses, with **RESTful API**.
- Implemented frontend with Angular 6.0, server with Spring, and database with **MySQL**. Managed database with Hibernate, deployed on **AWS**.