

Chieh-Yin (Pronounced J-In) Wang

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PERSONAL PROJECTS

Full Stack Web Developer

Portfolio ([Portfolio Link](#))

- Gained hands-on expertise in Bootstrap, HTML5, CSS3

Foodies ([Foodies Website Link](#))

This application allows you to check the ingredients by pasting a URL of a picture and search the recipes you like. You can also save your favorite recipes and note after login to the website.

- Developed applications using technologies that include: JavaScript, CSS, HTML, React.js
- Ensure applications securities and ability to interact with multiple APIs and databases (PostgreSQL, Redis)
- Implemented REST API with Node.js, Express.js

SKILLS

Programming Language: HTML5, CSS3, Bootstrap, JavaScript, React, Node.js, Express.js

Databases: PostgreSQL, Redis

WORK EXPERIENCE

Siegwerk USA Co. | Des Moines, IA | Major commercial ink supplier

Chemist II / Application Engineer

June 2016 – Nov 2020

- Served as a main contact person for company's top 10 customers; prioritizing customer needs/ follow-up and recommending failure solutions
- Developed new products and optimized existing products
- Project/deadline based environment

Vanton Research Laboratory | Concord, CA | Integrated Pharmaceutical Development Company

Analytical Chemist

Sep. 2015 – May 2016

- Analyzed the High performance liquid chromatography (HPLC) and UV-Vis spectrophotometer data to optimized the formulation performance to fit client's needs

Taiwan Semiconductor Manufacturing Company, TSMC | Taiwan | Top 1 semiconductor foundry

Process Engineer Intern | Etch Department

Feb. 2015 – May 2015

- Developed and created production process recipes for products to improve yield

University of Florida, Department of Chemical Engineering | Gainesville, Florida

Research/Teaching Assistant | Unit Operation Lab

July 2014 – Dec. 2014

- Guided 100 students to perform experiments and evaluated their performance, awarded the best teaching assistance of 2014

EDUCATION

- Web Development, Zero to Mastery Academy Coding Bootcamp 2020
Develop the skills needed to build dynamic web applications
- Complete Python Zero to Hero Coding Bootcamp 2020
- M.S. in Chemical Engineering, University of Florida, Florida Aug. 2012 – May 2014
Achievement Award | College of Engineering
- B.S. in Chemical Engineering, National Cheng Kung University, Taiwan Sep. 2008 – June 2012
Academic Excellent Award | Rotary international Foundation