

HENRY JONES

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hankj1.github.io/portfolio

EDUCATION

University of Washington

Graduated - June 2017

Bachelor of Science in **Civil and Environmental Engineering**

The Odin Project

2020 - 2021

Full Stack Web Development

EXPERIENCE / PROJECTS

JavaScript Projects

2020 - 2021

All projects below and more in detail on my website (see QR code)

- Interactive memory game built with React.js that utilizes hooks, higher-order components, and local storage to create an engaging GUI that remembers player scores across sessions.
- To-do list built with vanilla JS that utilizes modular architecture and DOM manipulation to communicate between many elements and give the user full control of task descriptions, due dates, etc.
- Medieval-themed inventory created with Node.js that utilizes mongodb, express, and mongoose to give authenticated users the ability to update database items using the secret password (sugar).
- Weather application that uses asynchronous JS to show data fetched with the Open Weather API.
- Messaging application that uses Node.js and HTTP requests where users can create and post messages.

Osborn Consulting Inc. (OCI)

August 2017 - February 2019

Project Engineer

Bellevue, WA

- Designed environmentally conscious stormwater drainage systems throughout the greater Seattle area.
- Wrote VBA macros to eliminate inefficiencies in data-driven project workflows by as much as 40%.
- Used Python to automate ArcGIS map creation which improved task efficiency by approx. 75%.
- Created technical reports, which summarized engineering calculations and design assumptions for stormwater projects, and submitted them to the City of Seattle for review.
- Represented firm to pursue overseas business development opportunity, accompanying CEO on trip to Chengdu, China to meet government officials and project managers.

SeaScapes Milfoil Removal

November 2018 - August 2019

Partner

Bellevue, WA

- Part owner of a commercial diving firm specializing in aquatic invasive species management.
- Developed automated client emailing schedule and survey form to improve client retainment.
- Increased revenue by 50% with targeted marketing campaigns during my first year as a part owner.
- Regularly met with clients to explain our services, answer their questions, and ultimately win their business.

SKILLS

Languages

JS(adv.), Java(interm.), Python(interm.), SQL/NoSQL(interm.)

Back End

Node.js, Express, Mongoose, Mongodb, Passport, Firebase, git, CRUD, MVC

Front End

HTML5, CSS3, SASS, React.js, Redux, ES6, Pug, EJS

MISC

git, GitHub, npm, Webpack, Grunt, Browserify, Babel, Eclipse, Jasmine