# 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

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|---|---|
| **Languages** | JS(adv.), Java(interm.), Python(interm.), SQL/NoSQL(interm.) |
| **Back End** | Node.js, Express, Mongoose, Mongodb, Passport, Firebase, CRUD, MVC |
| **Front End** | HTML5, CSS3, SASS, React.js, Redux, ES6, Pug, EJS |
| **MISC** | git, GitHub, npm, Webpack, Grunt, Browserify, Babel, Eclipse, Jasmine |