Cole House ~ Full-Stack Software Developer

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Link to Tech Portfolio on GitHub: https://cole-house.github.io/

SKILLS

- Languages**: JavaScript, Typescript , Java, C/C++, HTML, CSS, Python**
- Softwares/Frameworks**: Node/Express, Angular, Mongo DB, React.js, Apex Charts**
- Other**: VSCode, GitLab, SourceTree, DCOS, Agile Scrum, MS Office**

WORK EXPERIENCE

City & County of Honolulu   **Oct. 2023 - Jul. 2024**

Computer Programmer II   *Honolulu, HI*

- Built multiple data dashboards for internal case management applications using **MEAN** stack helping various departments **save time gathering case stats** through a specialized, modern and interactive interface
    - Developed **REST APIs** to be flexible and deliver useful data based on user queries in an efficient manner
    - Presented product to end-users, reiterated dashboard based on feedback to improve UI
    - Optimized the front-end to make less unnecessary API calls using rxJS Observables
- Migrated and deployed old Low Income Fare admin application to meet standards of most recent templates
    - Updated API (Node v10 to v16), **increased efficiency** of queries with mongoose aggregation
    - Updated GUI (Angular v12 to v14), revamped UI, removed deprecated packages/code, fixed bugs
    - Completed comprehensive QA checklist: ran unit tests for API, set up health checks, implemented necessary security middleware, produced various documentation for the app.

First Insurance Company of Hawaii Internship   **Feb. 2023 - May 2023**

Technical Lead in Product Development   *Honolulu, HI*

- Conducted 75+ interviews with industry professionals and potential users of our product to integrate feedback
- Responsible for researching logistics and feasibility of our product's main benefits to stakeholders; in correspondence with range of subject matter experts
- Presented reiterated MVP to mentors and Deputy CEO, highlighting its potential for cost savings.

Shabuya, Ala Moana   **May 2022 - Jul. 2023**

Host   *Honolulu,HI*

- Actively manage restaurant flow of patrons by working with other front of house members to maximize sales

PROJECTS

H2OC (React, Meteor, MongoDB, Lumen5)   **Feb. 2023 - June 2023**

Technical Lead in Product Development   *UH Manoa*

- Developed educational platform to alleviate pain points for beneficiaries and aid conservation of Oahu condominiums with professionally curated curriculum, interactive lessons and topic videos utilizing AI
- Collaborated on design of our deployed web-application's key functions and requirements along with development of data analytic visualization using Chart.js

Social PLAI (Meteor, React-Bootstrap, MongoDB)   **Jan. 2023 - May 2023**

Front-end Developer   *UH Manoa*

- Game design and developed the front-end and game logic for our synchronous online 2-player game designed to gather data to expedite accurate diagnosis
- Produced strong foundation of code with documentation for future developers to build off of

EDUCATION

University of Hawaii at Manoa   **Aug. 2020 - May 2023**

B.A in Information and Computer Science   *Honolulu, HI*

- Graduated *cum laude* ~ GPA: 3.5
- Extracurriculars: ACM, PANDAs Club, Spikeball Club
- **Interests:** Soccer, NFL, Skyrim, Yoga, Dancing, Music, Surfing, learning how things work