Jack Allard

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SUMMARY

Computer Science student with over 2 years of professional full-stack software development experience.

EDUCATION

Whitman College   Walla Walla, WA
Bachelor of Arts in Computer Science   *Sep. 2019 - May 2024*

Took gap year during 2020-2021 schoolyear to work full-time at Ingeniux

EXPERIENCE

Software Engineer Intern (Product Development)   May 2021 – Present
Ingeniux   *Walla Walla, WA and Seattle, WA*

- Built and fixed elements of the CMS web app using Angular, Typescript and C#
- Independently designed and implemented MS Word plugin to allow users to author rich web content for the Ingeniux CMS from Word, leveraging existing REST APIs.
- Regularly wrote automated test cases of core product using Selinium
- Worked with an agile team to triage and resolve bugs in the CMS.

Development Services Intern   June 2020 – May 2021
Ingeniux   *Walla Walla, WA*

- Addressed bugs and accessibility issues in customer sites using HTML5 and JavaScript
- Implemented new site features according to client specifications
- Worked directly with customers to establish requirements and utilized CI/CD pipelines to rapidly iterate.

PROJECTS

Sporechain (Whitman Grant) | *React, Go, PostgreSQL, TypeScript, Express.js*

- Co-founded an open source project with a Whitman alumnus who works in the biotechnology industry. Received a grant from Whitman for my work on the project.
- Developing a state machine written in Go that processes, verifies, and stores crowd sourced information about different genetic species.
- Set up an Express web-server and PostgreSQL database for the purpose of collecting and storing an E-Mail list. Developed a React component which validates e-mail entries and sends data to the server.

Redirects App (Ingeniux) | *C#, TypeScript, Swagger, HTML/CSS*

- Implemented a new set of features to the CMS administrator panel based on user feedback, identifying acceptance criteria based off of user stories.
- Wrote server-side code in C# to handle exporting and importing website redirects entries to and from CSV files.
- Visually refreshed the redirects app using CSS.

TECHNICAL SKILLS

Languages: C#, TypeScript, Go, Python, C++, SQL (Postgres), HTML/CSS
Frameworks/Libraries: Angular, React, Node.js, Selenium, Next.js, Express.js
Developer Tools: Git, Linux Terminal, Swagger, Docker, Visual Studio, Azure DevOps