Jesse Groves
Entry Level Software Developer

Contact

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Education

Sep 2021 - Dec 2022
Computer Programming
Algonquin College of Applied Arts
4x Dean's List Recipient
3.88 GPA

Expertise

- Java
- Docker & Microservices
- Debugging
- JavaScript/TypeScript
- Mobile Development
- SQL Databases (Oracle, MySQL)
- HTML/CSS Web Development
- COBOL
- Python
- Apache

Soft Skills

- Adaptability
- Critical Thinking
- Problem Solving

Eager-to-learn Computer Programmer and Software Developer with high-level skills in DevOps, Database Administration, Enterprise Application Development, Containerization with Docker and Kubernetes, etc. I learned all of these skills through the Computer Programming course from Algonquin College of Applied Arts. The course was very thorough and taught a lot of great skills. I also have some other interests that might be useful for a software developer, such as IoT with Raspberry Pi and Arduino using MicroPython and C++, as well as Amazon Web Services for hosting and accommodating my various projects and products.

Experience

2022 - Ongoing
Developer for friends and family, etc.

Personal Software Development

I haven't got into the work-space as a developer yet but I have been developing websites and IoT software since about late 2022. The most prominent source of these projects are for friends and family, and any others who have come across my name through those friends and family. These development projects usually consisted of proof-of-concepts to show the 'client' what their idea would look like fully developed, projects for myself like my portfolio or software for my IoT tinkering devices, and some other small, skill-developing exercise programs .

Projects

Jan 2023 - Ongoing
Web Development, Mathematics, SVG

Glyph Crafter

A vanilla JS/HTML/CSS website that uses user SVG input, calculates the positional data of the user's drawings, and mutates them into a more symmetrical and appealing structure, forming magical glyphs that make magic particle effects. The website uses various mathematical equations to calculate vector directions, circular point-mapping, corner-detection, and more.

Dec 2022 - Ongoing
Personal Developer Portfolio Website

Portfolio Website

My portfolio website is crafted from just JS/HTML5/CSS3, and hosted on GitHub pages. I've been working on the functionality of my portfolio for about 6 months all together. I think it shows a good amount of expertise in Web Development with Vanilla JavaScript, CSS, and HTML, and just a general competency in programming.

The reason my portfolio isn't crafted in a more specialized tech stack such as MERN like my other project, is to show that I don't need to be tied to a specific skill-set. I have what it takes to craft a good website or standalone app without being restricted to a company's standard stack, until they hire me and I can switch my focus to that stack.

Relevant Courses

Advanced Database
Algonquin College

Learned very advanced and useful skills to mutate databases and virtual environments.

Enterprise App. Dev.
Algonquin College

Learned about the microservice architecture and very useful backend skills.