

Joshua Richards

Software Engineer

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Summary

I am a full stack developer with experience ranging from web APIs to embedded systems. I have a passion for learning new technologies to implement projects both effectively and efficiently.

Skills

Technologies: JavaScript/TypeScript, ES6, Node.js, CSS, HTML, C#, C++, Git

Other:

Ability to handle numerous responsibilities and desire to learn required skills

Experience working in an agile development environment, implementing project features over a series of iterations within a release cycle

Experience

Carrier Global Corporation

Software Engineer

Software Engineering Intern

- Responsible for the development of a web-based video streaming interface for security applications (with technologies including ES6, TypeScript, Node.js, RxJS, WebSockets).
 - Technical lead of the project from January, 2020 to August, 2020.

Pittsford, NY

Dec 15, 2018 – Present

Aug 27, 2018 – Dec 14, 2018

Gerber Technology

Software Engineering Intern

- Responsible for the development of a variety of safety enhancements to a material spreading system (with C++).

Tolland, CT

June 4, 2018 – Aug 10, 2018

EagleDream Technologies

Web Developer Co-op

- Responsible for the development of various fit for purpose websites (with technologies including JavaScript, C#, SQL, CSS, Sass, WordPress, Shopify, PHP).

Rochester, NY

Aug 28, 2017 – Dec 15, 2017

Gerber Technology

Software Engineering Intern

- Responsible for the development of a material cutting system's label printing interface (with C#, XAML, SQL, WPF).

Tolland, CT

June 5, 2017 – Aug 11, 2017

Education

Rochester Institute of Technology

Bachelor of Science in Game Design and Development

Minor in Computer Science

GPA: 3.58

Rochester, NY

May 2019

Projects/Labs

- Developed TaskApp, a project task organizer, with technologies including Express, React, MongoDB, Redis, Gulp, and Sass.
- Developed the game Serpentine as an individual project with Unity and C# and published it to the Google Play store.
- As part of a team of five developed HealthNet, a management system for a collection of hospitals, employees, and patients with Django, a Python Web framework.