

# Joel Atwood

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joelatwo.github.io



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Bachelor of Science in Computer Science

December 2019

University of Idaho, Moscow, ID

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Software Engineer

November 2020 - Today

Schweitzer Engineering  
Laboratories

- Collaborated with internal teams to maintain the corporate marketing website
- Rapidly developed a microservice to integrate with a SaaS platform
- Improved build pipeline stability
- Migrated AngularJS site to NextJS
- Implemented a collaborative design system

Associate Software Engineer

March 2018 - March 2020

Fenway Group

- Developed a scheduling web application using React and Postgres
- Achieved Professional Scrum Developer I Certification

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VGo Compiler

- Programmed a parser using Flex and Bison
- Automated Semantic Analysis using C
- Generated intermediate code

College Advising  
Application

- Developed an application to inform students about which classes to take
- Integrated a React frontend with MySQL server

Dungeons and Dragons Tools

- Built a Java web scraper to collect data
- Devised a frontend to display and filter data

Personal Portfolio Website

- Designed a React website to display my experiences and explore technologies

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Fluent Languages:

- Typescript (React)
- C# .Net Core
- C/C++

Platforms:

- Node.js
- Nextjs

Databases:

- Postgres
- MySQL