

Zach Bauer

<WEB DEVELOPER>



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-----PixelRabbit.me



-----Washington, D.C.

Skills

Essential Skills:

HTML5 | CSS3 | JavaScript | jQuery

Backend Skills:

Express | Axios | API Creation | Rails

Frontend Skills:

React + Redux | Vue.js | Ruby | Vuetify |

Materialize | Handlebars | Bootstrap

Database Skills:

MongoDB | PostgreSQL | SAP HANA

Soft Skills:

Agile development | Research |

Collaborative teamwork

Other Languages:

Java | Python3

Hobbies

Bike Packing | Bass Guitar | French |

Small Puzzles | Audiobooks

Experience

General Assembly

2017 – 2018

Web Development Immersive

- Completed an immersive program designed to train students to be full-stack web developers within 12-weeks
- Created four distinct websites, each a capstone project designed to test our skills and challenge us to expand our skillsets outside of the curriculum
- Focused on basics of web development before moving into developing full-stack applications with React + Redux and spent time learning other frameworks such as Vue.js
- Deployed Ruby on Rails backend, planned and executed group work with Agile Development, and employed various CSS frameworks
- Regularly assisted other students in understanding new concepts and techniques, and spent time teaching myself concepts outside the curriculum

Intern at L.B. Foster Co.

2016 – present

- Worked directly with middle- and upper-management to produce a company-wide cost center report using SQL and other tools in an SAP HANA environment
- Created a new corporate branding design that was adopted company-wide and helped the marketing team update and populate the new corporate website

Lab Technologist at Helomics Corp.

2014 – 2016

- Performed work on the ChemoFX chemotherapeutic assay which helped doctors across the country rewrite the standard of care for patients suffering from gynecologic cancers

TEM Technician at RJ Lee Group

2014

- Performed electron microscope analysis on bulk mineral samples from a New York State initiative to check vermiculite insulation for asbestos contamination

Pennsylvania State University

2009 - 2014

BS Genetics and Development

- Helped to uncover the purpose of 1,4-DMN on the arrest of the cell cycle in potatoes. Used bioinformatics tools to identify novel genes that overexpress with exposure to the chemical
- Presented findings at the Sigma Xi undergraduate research conference