Zach Bauer

{WEB DEVELOPER/>

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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 | Python 3 | Markdown | Whitespace

Experience

General Assembly   *2017 – 2018*
Web Development Immersive

- Completed an immersive program to become a MERN stack developer in 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 & Git Flow, 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