

# Zach Bauer

## ◀WEB DEVELOPER▶



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-----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 | Bootstrap 4 | Handlebars |

Jekyll | Liquid

### Database Skills:

MongoDB | PostgreSQL | SAP HANA

### Soft Skills:

Agile development | Research |

Collaborative teamwork | Quick learning

### Other Languages:

Java | Python 3 | Markdown | Elixir |

Whitespace

## Experience

### Web Development Immersive Student

2017 – 2018

#### General Assembly

- Completed an twelve-week immersive program in MERN stack development where significant time was spent learning both the curriculum and other skills
- Created four unique websites, each a capstone project designed to test our abilities 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 and Jekyll
- 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 – 2018

- 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