



*I consistently look for creative, resourceful ways to solve new problems, which has led to great results in my work. I feel empowered to find solutions, and people recognize me for what I can contribute to their work. Even when I don't know the answer, I always know who to ask and where to look. I am always challenging myself to learn more and become better at what I love to do.*

# 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 + Vuex | 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.

### Consultant 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.