

# Zach Van Handel

Passionate. Innovative. Meticulous. And always improving. Looking for a software engineer in the Denver area? You've found the one.

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(303) 518-7851



## EXPERIENCE

### Software Engineer @ Oracle

July 2020 – Present | Broomfield, CO

Design, implement, and maintain software solutions for Oracle Data Cloud.

### Web Developer @ Colorado State University

January 2018 – May 2020 | Fort Collins, CO

Updated and improved the University Honors Program website and online services, which were used daily by 1700+ students, faculty, and staff.

### Software Engineering Intern @ Oracle

June 2019 – August 2019 | Broomfield, CO

Designed and implemented a distributed application that performed matching operations on datasets containing up to 1 billion records while reducing runtime costs by up to 50% for 75% of daily jobs.

### Software Engineering Intern @ Spectrum

May 2018 – August 2018 | Greenwood Village, CO

Fixed and updated dozens of unit and integration tests for a large project while learning best practices for continuous integration and delivery of code.

June 2017 – August 2017 | Broomfield, CO

Improved performance of a crucial application by removing logging related inefficiencies and upgrading logging dependencies. Designed and implemented an application that compared data from hundreds of TV providers so it could be easily verified before performing a national update.

## EDUCATION

### Colorado State University

August 2016 – May 2020 | Fort Collins, CO

B.S. Computer Science, 4.0 GPA

## SKILLS

### Languages

#### Back end

Java, Python, SQL,  
JavaScript, TypeScript

#### Front end

JavaScript, TypeScript,  
HTML, CSS

### Technologies

#### Platform

Linux, Windows,  
macOS, AWS, Docker,  
Kubernetes

#### Library / Framework

React, Redux, Node.js,  
Express, Bootstrap,  
Spring, FastAPI, Pandas

### Tools

#### Source control

Git, GitHub / GitLab

#### CI / CD

Jenkins, Travis CI,  
GitHub Actions

#### Communication

Zoom, Slack, Jira,  
Confluence