

Zach Van Handel

Software Engineer in the Denver Metropolitan Area

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Experience

Oracle Broomfield, CO

Software Engineering Intern, Oracle Data Cloud

June 2019 - August 2019

Designed and implemented a distributed Java application that performed matching operations on datasets containing up to 1 billion records.

Demonstrated that the application could reduce runtime costs by up to 50% for approximately 75% of the jobs being run through an Apache Spark application.

Spectrum Greenwood Village, CO

Software Engineering Intern

May 2018 - August 2018

Fixed and updated dozens of unit and integration tests for a large Java project, which increased the confidence of team members to make more frequent code changes.

Learned best practices for continuous integration and delivery of code through daily participation in the activities of an Agile software team.

June 2017 - August 2017

Wrote a Java application that compared lists containing hundreds of TV providers and services to ensure no critical data would be lost when performing a national update.

Improved speed and performance of a crucial Java application by removing logging-related inefficiencies and upgrading from Apache Log4j to SLF4J + Apache Log4j2.

Colorado State University Fort Collins, CO

Web Developer, University Honors Program

January 2018 - May 2020

Designed and launched a new website with enhanced usability and security features.

Maintained and updated the website as well as various online services for the program, which were used daily by over 1700 Honors students, faculty, and staff members.

Education

Colorado State University Fort Collins, CO

Bachelor of Science (B.S.), Computer Science

August 2016 - May 2020










4.0 / 4.0 GPA

Skills








Languages

 Java
 JavaScript
 Python
 C#
 SQL
 Bash
 HTML5
 Sass

Technologies

 Linux
 macOS (Unix)
 Node.js
 React
 Bootstrap
 .NET
 Docker
 AWS
 Ethereum

Tools

 Git
 GitHub
 Jenkins
 Confluence
 Jira
 Slack
 npm
 Gulp

Awards

Dean's List (x5) College of Natural Sciences

Dean's List (x1) College of Engineering

2nd Place Spectrum Intern Hackathon 2018