Zach Van Handel

Senior Studying Computer Science | Colorado State University

Westminster, CO | www.zachsvanhandel.me | zach@zachsvanhandel.me | (303) 518-7851

EXPERIENCE

Oracle | Broomfield, CO

SOFTWARE ENGINEERING INTERN | 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.

SOFTWARE ENGINEERING INTERN | JUNE 2017 - AUGUST 2017

Wrote a Java application that compared lists containing hundreds of TV providers 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.

EDUCATION

Colorado State University | Fort Collins, CO

B.S. IN COMPUTER SCIENCE | AUGUST 2016 - MAY 2020 (EXPECTED)

GPA: 4.00 / 4.00

LANGUAGES

Java

Python

JavaScript

SQL

Bash

TECHNOLOGIES

Linux

Node.js

React

Bootstrap

Ethereum

Bitcoin

TOOLS

Git / GitHub

Jenkins

Confluence / Jira

Slack

npm

AWARDS

Dean's List (x4) College of Natural Sciences

Dean's List (x1) College of Engineering