Zach Van Handel

I am an aspiring software engineer expecting to graduate in May of 2020.

📍 Broomfield, CO   🌐 www.zachsvanhandel.me   ✉ zach@zachsvanhandel.me   📞 (303) 518-7851

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 - Present

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

Maintain and update the website as well as various online services for the program, which are used daily by over 1700 Honors students, faculty, and staff members.

Education

Colorado State University Fort Collins, CO

B.S. in Computer Science

August 2016 - May 2020 (expected)

4.0 / 4.0 GPA as of January 2020

Skills

Languages

- ☕ Java
- ⬛ JavaScript
- 🐍 Python
- # C#
- 🗄 SQL
- >_ Bash
- HTML5
- Sass

Technologies

- 🐧 Linux
- 🍎 macOS (Unix)
- 🟩 Node.js
- ⚛ React
- B Bootstrap
- ⬛ .NET
- 🐳 Docker
- aws AWS
- ♦ Ethereum

Tools

- 🔶 Git
- GitHub
- Jenkins
- ✖ Confluence
- ♦ Jira
- ⌗ Slack
- npm npm
- Gulp

Awards

Dean's List (x5) College of Natural Sciences

Dean's List (x1) College of Engineering

2nd Place Spectrum Intern Hackathon 2018