# CHANDLER J. KLEIN

github.com/C94 chandlerklein.com

#### **EDUCATION**

## Kalamazoo, MI Western Michigan University

**Sep 2017 – Dec 2020** 

- B.S. in Computer Science. GPA: 3.1
- Extracurriculars: Dance Marathon at WMU IT Director; WMU Varsity Esports Member

### **SKILLS**

- Java; Spring Boot; SQL; Hibernate; Angular; JavaScript
- Eclipse; IntelliJ; Ubuntu; AWS EC2; MySQL; Git; REST API

#### **CERTIFICATES**

- Full Stack: Angular and Spring Boot Udemy
- Spring & Hibernate Udemy
- Certified Generalist Software Engineer Triplebyte

#### **EXPERIENCE**

## Teaching Assistant/Grader

Western Michigan University

Jan 2020 – May 2020

CS 3500 – Web Technologies

- Effectively graded and gave feedback on tests, quizzes, 150 assignments, and 48 web projects.
- · Covered topics including HTML, CSS, JavaScript, PHP, and SQL.

#### **Retail Associate**

#### Disc Traders – Battle Creek

**Summers 2016 – 2018** 

- Assisted customers in a friendly manner and provided knowledgeable suggestions on products.
- Processed sales and payments the most accurately and efficiently.

#### **PROJECTS**

## Monthly Expenses Tracker (2020). Angular, Spring Boot, MySQL

- Full stack web application allows users to record their monthly expenses for insurance, groceries, etc.
- Users can see their total monthly expenses and how much they still have left to pay.

### Form Digitization System (2020). Java, Android Studio, Linux

- Designed and developed an Android application for local client, Neuropsychology Associates.
- App allows users to securely fill out consultation forms with handwriting recognition.
- Implemented secure file server and HIPAA guidelines to transfer configuration and output files.

#### U.S. Highways Shortest Path Program (2020). Java

- Program that finds the shortest path between over 90,000 places using Dijkstra's algorithm.
- Evaluates real road network data from the National Highway Planning Network.

#### Manufacturing Safety Tracker (2019). VBA, Excel

- Used pair programming to develop desktop application for paint manufacturing company.
- Allows employees to view safety documents and managers to track employee progress.
- Prevented \$300,000 in potential insurance costs by reducing the number of injuries.