
EDUCATION

Kalamazoo, MI **Western Michigan University** **Fall 2017 – Fall 2020**

- B.S. in Computer Science. GPA: 3.0/4.0
- Undergraduate Coursework: Web Technologies; Software Systems Development; Operating Systems; Databases; Data Structures & Algorithms; Java Programming; Statistical Computing; Linear Algebra.
- Extracurriculars: Dance Marathon at WMU IT Director; WMU Varsity Esports Member.

EMPLOYMENT

Computer Science Grader **Western Michigan University** **Spring 2020**

CS 3500 – Web Technologies

- Efficiently graded and evaluated tests, quizzes, 150 assignments, and 48 student web projects.
- Covered topics including HTML, CSS, PHP, and MySQL/SQL.

Retail Associate **Disc Traders of Battle Creek** **Summers 2016 - 2018**

- Assisted customers in a friendly manner, providing information and suggestions on products.
- Organized inventory and processed sales and payments accurately and efficiently.

TECHNICAL EXPERIENCE

Projects**Consultation Forms Application** (2020). Java, Android Studio

- Communicated with local Neuropsychology Associates to develop Android application for securely filling out consultation forms.
- Dynamically generated HIPAA-compliant form outputs documents uploaded to secure sever wirelessly.

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

- Program finds the shortest path between over 90,000 places using Dijkstra's algorithm.

Manufacturing Safety Tracker (2019). VBA, Excel

- Desktop application for paint and coating corporation allows employees to view safety documents and managers to view employee document-completion progress.
- This helped save \$300,000 in potential insurance costs.

A Cappella Group Website (2018). HTML, CSS, JS, PHP

- Website for the Here Comes Treble a cappella group at Western Michigan University.
- Lists member information and event updates.

CERTIFICATES

- Spring & Hibernate – Core, AOP, MVC, Boot, Security, REST, Thymeleaf, JPA & Hibernate
- Triplebyte Generalist Software Engineer – chandlerklein.com

LANGUAGES AND TECHNOLOGIES

- Java; JavaScript; C; SQL; Spring
- Visual Studio Code; Eclipse; Android Studio; IntelliJ; MySQL; Git, GitHub