CONNOR PEPER

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Objective: An internship or a co-op in software engineering

EDUCATION

Rose-Hulman Institute of Technology | May 2024

- Major: B.S International Computer Science
- GPA: 3.50

Ulm University of Applied Sciences (Technische Hochschule Ulm)

Important Courses: *Object-Oriented Programming, Data Structures/Algorithms, Web Programming, Intro. to Comp. Sys. (TA), Programming Languages Concepts (TA), Foundations of Cybersecurity, Databases*

EXPERIENCE & PROJECTS

COURSE PLANNER WEBSITE AND DATABASE (2022)
- Using **Transact-SQL** and **Node.js**, created a course planning website with a backend database.
- Currently working with the Rose-Hulman CSSE department to expand the functionality.

SCHEME PARSER AND INTERPRETER (2021)
- Using **Chez Scheme**, created a parser and interpreter for Scheme in CPS
- Interpreter would parse, syntactically expand, and execute any valid scheme expression

INTERACTIVE MAP (2020)
- Interactive **Java** program designed to find the shortest distance between nodes using A*
- GUI was developed using JavaFX
- Users could submit their own maps if they followed a given XML format

ONLINE DATING SITE (2021)
- "Misery Loves Company", dating site programmed in **Javascript**
- Based on mutual dislikes, matched users using an Algolia database

C TEXT MANIPULATOR (2021)
- **C** program that would take an input file and perform several operations including: reading, censoring, and translating into pig Latin using a buffered IO

ACTIVITES & EXTRA CIRRICULARS

Event Organizer | Computer Security Club | April 2021 – April 2022

- Coordinate speakers and activities for the computer security club

AWARDS & HONORS

- Speech/Debate National Qualifier
- Participant of Missouri Boys State