

# {LIAM MAZURE/}



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https://liam-mazure.github.io/Personal\_Website/

## EDUCATION

B.S. COMPUTER SCIENCE

Grand Valley State University

## LANGUAGES

- Proficient:
  - Python
  - Java
  - JavaScript
- Exposure:
  - C
  - C#
  - C++
  - Swift, Kotlin
  - SQL

## TECHNOLOGIES

- Proficient:
  - React
  - Express
  - Django
  - Unity
  - Git
- Exposure:
  - Bootstrap
  - MongoDB
  - MySQL
  - AWS

## LEADERSHIP IN SERVICE

### CIRCLE-K E-BOARD MEMBER

Grand Valley State University

- Volunteered at a variety of organizations in the Grand Rapids area for upwards of 50 hrs.
- Communicated with other Kiwanis organizations in Southwest Michigan as the K-Fam Chair (E-Board Member).
- Lead groups of students to numerous events as the event supervisor.

## TECHNICAL PROJECTS

### Microsoft HoloLens Anatomical Learning Tool

- Utilized Unity and C# to form the foundation for an interactable scene allowing patients to visualize ailments to their physician.
- Developed a magnifying glass allowing users to zoom, rotate, and explore specific anatomical regions of both male and female models.
- Designed an intuitive, user-friendly interface enabling users to toggle on and off up to 15 different bodily structures.
- Awarded People's Choice Award at GVSU Capstone Showcase.

### Scavenger Hunt Web Application

- Developed a full-stack scavenger hunt web application using React.js for the frontend and Django REST Framework.
- Built RESTful APIs to handle user authentication, hunt data storage, and favorite lists, enabling personalized experiences.
- Designed and implemented dynamic hunt creation functionality, allowing users to create, store, and manage custom scavenger hunts.
- Implemented a favorites system that lets users save and revisit hunts they enjoy.
- Created a real-time scoring mechanism to track and display user performance as they complete hunts.

### Jeopardy Study Tool

- Developed a web application with a React frontend and a Django backend to present question data sourced from a Jeopardy web scraping project.
- Converted JSON-formatted questions into an SQLite database through deserialization for efficient data storage.
- Built an interactive platform allowing users to test their knowledge on over 500,000 previously aired questions from 41 seasons of Jeopardy.

## WORK EXPERIENCE

### SALES REPRESENTATIVE/ MECHANIC

Freewheeler Bike Shop | May 2023 - May 2025

- Perform routine tune-ups, repairs, and part replacements on various types of bikes.
- Recommend and sell bikes, accessories, and parts; manage inventory levels and restock items as needed.
- Diagnose mechanical issues, assemble new bikes, and perform custom builds based on customer requests.
- Maintain up-to-date knowledge of bike models, gear, and accessories to provide informed advice to customers.
- Work closely with colleagues to manage the shop's day-to-day operations and ensure smooth service flow.
- Manage appointments for repairs, ensuring timely and efficient service.

### MENTOR RESIDENT ASSISTANT

Grand Valley State University | August 2021 - May 2023

- Organized and facilitated events and activities to foster a sense of community and engagement among residents.
- Mediated conflicts between residents, promoting healthy communication and problem-solving skills.
- Responded to emergencies and crises, including medical, emotional, and safety concerns.
- Promoted an inclusive environment by addressing cultural, social, and identity-based issues, ensuring all residents felt respected and valued.
- Balanced academic responsibilities with the demands of the RA role, demonstrating strong organizational and time-management skills.