

# Rhys Brockenshire

Seeking Summer  
2025 Internship

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## EDUCATION

Michigan Technological University | Houghton, MI  
B.S. in Software Engineering | 3.5 GPA

Expected May 2026

## PROFESSIONAL EXPERIENCE

**URIP** recipient, research project under Dr. Leo Ureel (Houghton, MI) May 2023 – March 2024

**Project:** Simulation Development for Educational Modeling software for K-12 Schools

**IT Operations Technician:** Michigan Technological University June 2024 – current

- Actively working with customers to resolve technical issues
- Reducing downtime of actively used technical equipment
- Linux, Windows, and Mac OS management and operation
- Management of company assets to ensure compliance

**Lead Developer** for MotionEFFECT (Remote) June 2023 - current

**Project:** Ongoing Full Stack Development of [movewithmotioneffect.com](https://movewithmotioneffect.com)

- Used React JSX to develop a website for the health and fitness organization, MotionEFFECT
- Worked with company execs to establish connections between existing systems and new ones
- Designed and implemented functional scheduling service

## TECHNICAL SKILLS

- |                            |              |                   |
|----------------------------|--------------|-------------------|
| ▪ Java                     | ▪ C++/C      | ▪ Data Structures |
| ▪ Javascript               | ▪ Kotlin     | ▪ Algorithms      |
| ▪ Technical Report Writing | ▪ Typescript | ▪ .NET Frameworks |

## PROJECT EXPERIENCE

Michigan Tech Human Interface Design Enterprise – team of 6 (Houghton, MI) Sep 2023 – Current

**Project:** Development of a large scale Database for General Dynamics Land Systems.

- Tackled problem of colossal amounts of data needing to be accessed quickly
- Combined multiple Data storage solutions to create ideal Database
- Added functionality for Machine learning trainability in Database

**Project:** Development of personal portfolio website [rhysdev.com](https://rhysdev.com)

- Personally and Locally hosted on self-managed Apache webserver using a Cloudflare domain and Nginx proxy manager

## LEADERSHIP & INVOLVEMENT

**President (Elected Position),** Douglass Houghton Hall Dormitory Hall. Communicated information to hall residents clearly and effectively in a timely manner.

**President (Elected Position),** Dungeons and Dragons Club. Single handedly quadrupled club membership through student outreach and communication skills

## INTERESTS

Skiing | Mountain Biking | Guitar | Hiking | Tabletop Games | Adventuring | Video Games