

# Nolan Jolley

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## Education

### Michigan State University Honors B.S. Computer Science

2022 - 2026

GPA: 4/4

Minors in Cognitive Science, Korean, and Linguistics

- **Relevant Coursework:** OOP in C++, Python, Data Structures and Algorithms, Assembly and Computer Architecture, Software Engineering in C++, Operating Systems, Algorithm Engineering
- **Awards:** Michigan State University Promise Endowed Honors Scholarship, David Cho Scholarship

## Technical Skills

**Proficient:** C++, Python, git, ARM64 Assembly, C, Microsoft Office Tools, MacOS, Windows 8+

**Interested/Learning:** HTML, CSS, Java, JavaScript, React, Swift, Android Studio Development

## Professional Experience

### Michigan Retailers Association & Retailers Insurance Company

Lansing, MI

Information Technology Intern

May 2024-

- Created and maintained computer and security systems as well as interpersonal relationships facilitating a smoother working experience between MRA and RIC
- Quickly acquired new skills for troubleshooting and maintaining in house IT systems and software
- Utilized HTML and CSS to maintain, review, and update company websites

### Michigan Retailers Association

Lansing, MI

Business Intern

2019 - 2020

- Worked within a team as business mascot and job shadowed professional business interns
- Explained the importance of supporting small businesses in local communities across the state of Michigan by directly conversing with shop goers and tourists

## Technical Projects

### Fight Song Guitar Hero

Team Project | Michigan State University | [demo link](#)

- Implemented GitLab based C++ Fight Song Guitar Hero as team leader, utilizing team management software and negotiating internal software and personal issues
- Achieved a near perfect score by creating and maintaining a local library composed of 21 refined classes and implementing intensive unit testing while adhering to positive development practices

### Full Stack Social Media Site

Personal Project | [demo link](#)

- Pursued personal interest in full stack web development to successfully locally deploy and develop a basic social media site built utilizing HTML, CSS, and JavaScript with plans for future public release
- Securely implemented with Google Firebase data base system

### Animation Studio

Personal Project | Michigan State University | [demo link](#)

- Created functional and robust stop motion animation studio in C++ utilizing object-oriented intensive development practices, an internal library, and more than 20 interacting classes

### Wiki Web Scraping

Personal Project | <https://github.com/nolanjolley/kdramawikiscrape>

- Performed basic web scraping with interest in later integrating into automated web app and accurately compiled list of most watched actors, directors, and writers