

**Ethan J. Scheys**

**2023**

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Plymouth, MI 48170

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## Education

**Expected April 2025** **University of Detroit Mercy**  
**Bachelor of Computer Science** Detroit, MI  
Minor: Cyber Security U.S.A

**April 2021** **Eastern Michigan University**  
**Dual Enrollment** Ypsilanti, MI  
Major: Computer Science U.S.A

**April 2021** **Early College Alliance at EMU**  
**High School Degree** Ypsilanti, MI  
U.S.A

## Technology Experience

**Software** Microsoft Office Suite, Adobe Photoshop,  
Adobe Illustrator, Mendeley, Visual Studio,  
ProPresenter, Eclipse, Google Colab, Linux,  
Windows, MacOS

**Programming Languages** C++, Python, Java, AHK, JavaScript, and  
Kotlin

## Professional Experience

**May 2023 – August 2023** Throughout this internship I worked both with  
**RIIS LLC** and without a team to complete client work.  
Software Engineering Intern My tasks consisted of drone assembly,  
Troy, MI, U.S.A software development for drones, App  
development, and training ML object  
detection models.

**June 2022 – August 2022** In this internship I participated in seminars  
**Community Engaged Internship** along with my fellow interns that helped  
Intern develop my abilities as a researcher and how  
Ann Arbor, MI, U.S.A to be the most beneficial to the community I  
am working with.

**June 2022 – August 2022** In this internship I was able to conduct my  
**Michigan Sea Grant Undergraduate** own research using satellite imagery analysis  
**Internship Program** on the hydrology of urban forests in Detroit,  
Intern MI.  
Ann Arbor, MI, U.S.A

**March 2021 – August 2021**  
**Zap Zone**

Referee  
Canton, MI, U.S.A

On top of organizing events, hosting parties, and running the front of the store, I oversaw the running and fixing of the Virtual Reality section to ensure the entertainment of customers.

## Peer-Reviewed Publication

### Meeting Proceedings

E. Scheys, S. Hakim, C. Marsh, C. Scheys, and V. Carmona-Galindo. The Application of Canopy Dynamics in The Ecological Investigation of Palmer Park. (Annual Meetings of the Michigan Academy, Alma College). Michigan Academician 48(1): *in press*

## Conferences

**2022 Michigan Sea Grant Undergraduate Research Symposium**  
Ann Arbor, Michigan, U.S.A

Presentation by E. Scheys  
*Using Google Earth Engine to Evaluate How Urban Forests in Detroit Impact the Distribution and Movement of Water.*

**2022 UDM Undergraduate Research Symposium**  
Detroit, Michigan, U.S.A

Poster Presentation by E. Scheys  
*Using Google Earth Engine to Evaluate How Urban Forests in Detroit Impact the Distribution and Movement of Water.*

**2022 Michigan Academy of Sciences, Arts, and Letters (Virtual)**  
Alma, Michigan, U.S.A

Poster Presentation by E. Scheys, S. Hakim, and C. Marsh.  
The Application of Canopy Dynamics in The Ecological Investigation of Palmer Park.

**2021 UDM Undergraduate Research Symposium**  
Detroit, Michigan, U.S.A

Poster Presentation by E. Scheys and B. Allamon  
Sprinkler System Crop-Damage and its Impact on Water Stress in Tomato Plants.

## Community Engagement

**September 2021 – August 2022**  
**Solid Rock Bible Church**  
Technology Assistant

I help facilitate the technology, such as slides and cameras, for the church services.

**September 2016-2020**  
**Northridge Church Guest Services**  
Set Design

I help build and design large scale set pieces for my church's services and productions on the set design team.