

**Ethan J. Scheys**

**2024**

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## Education

<b>Expected April 2025</b> <b>Bachelor of Computer Science</b> Minor: Cyber Security	<b>University of Detroit Mercy</b> Detroit, MI U.S.A
<b>April 2021</b> <b>Dual Enrollment</b> Major: Computer Science	<b>Eastern Michigan University</b> Ypsilanti, MI U.S.A
<b>April 2021</b> <b>High School Degree</b>	<b>Early College Alliance at EMU</b> Ypsilanti, MI U.S.A

## Technology Experience

<b>Software</b>	GitHub, Microsoft Office Suite, Adobe Photoshop, Adobe Illustrator, Mendeley, Visual Studio, ProPresenter, Eclipse, Google Colab, Linux, Windows, MacOS
<b>Programming Languages</b>	C++, Python, Java, AHK, JavaScript, HTML, CSS, and Kotlin

## Professional Experience

<b>September 2023 – Current</b> <b>Software Developer</b>  Solvaris Los Angeles, CA, U.S.A	Here I assist in developing and maintaining software for various big-league clients using a .NET and C# infrastructure.
<b>May 2023 – August 2023</b> <b>Software Engineering Intern</b>  RIIS Troy, MI, U.S.A	Throughout this internship I worked both with and without a team to complete client work. My tasks consisted of drone assembly, software development for drones, app development, and training ML object detection models.
<b>June 2022 – August 2022</b> <b>Intern</b>  Community Engaged Internship Ann Arbor, MI, U.S.A	In this internship I participated in seminars along with my fellow interns that helped develop my abilities as a researcher and how to be the most beneficial to the community I am working with.

**June 2022 – August 2022**

**Intern**

Michigan Sea Grant Undergraduate  
Internship Program  
Ann Arbor, MI, U.S.A

In this internship I was able to conduct my own research using satellite imagery analysis on the hydrology of urban forests in Detroit, MI.

**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**

**2023 UDM Undergraduate Research  
Symposium**  
Detroit, Michigan, U.S.A

Poster Presentation by **E. Scheys**, A. Price  
Enhancing the University of Detroit Mercy  
Faculty Reimbursement Management  
System.

**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

<b>May 2023 – Current</b> <b>Life Church Livonia</b> Technology Assistant	I help facilitate technology, such as slides and cameras for church services. I also helped set up their livestreaming service.
<b>September 2021 – August 2022</b> <b>Solid Rock Bible Church</b> Technology Assistant	I help facilitate the technology, such as slides and cameras, for the church services.
<b>September 2016-2020</b> <b>Northridge Church Guest Services</b> Set Design	I help build and design large scale set pieces for my church's services and productions on the set design team.

## Grants, Honors, and Awards

<b>October 2023</b>	<b>Third Place Best in Engineering Research Excellence Award</b> UDM Undergraduate Research Symposium
<b>April 2023</b>	<b>Third Place</b> Regional NCAE Cyber Games Competition
<b>June 2022</b>	<b>Michigan Sea Grant</b> Michigan Sea Grant at University of Michigan