

# Trevor Scholz

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## Software Engineer / Data Scientist

Undergraduate at the University of Maryland - College Park. Major in Computer Science - Data Science track with a minor in Astronomy. Valuable project experience in both **web and mobile development**, producing several apps and websites. Very interested in the upcoming field of **AI** and **Machine Learning** with great experience in **Python**, **TensorFlow**, and **Scikit-Learn**. Also very interested in **Data Science** and **Statistics**, as well as the field of **Astronomy**. I am looking to build my field experience with internships and other software engineering or data science opportunities.

## WORK EXPERIENCE

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### NASA - Goddard Space Flight Center

Greenbelt, MD • 07/2024 - Present

#### Undergraduate Research Intern • Internship

- Working in the SHARP Lab at NASA - GSFC on the **highest resolution infrared spectrometer** in the world: HIPWAC
- Use **Linux** machines, **Unix** terminal, as well as custom DaDa software and Cryogen to utilize the instrument
- Collaborate effectively with lab group to continuously make improvements in the lab

### Sunlight Financial

Monroe, CT • 01/2022 - 06/2022

#### Apprenticeship

- Completed a **UI/UX** apprenticeship with Sunlight Financial
- Created a prototype for an upcoming tool for their software using **InvisionApp**.
- Presented the prototype and what I learned from the experience.

## EDUCATION

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### Computer Science in Data Science

University of Maryland

College Park, MD • 09/2022 - 05/2026

- Minor in Astronomy
- **University Honors** program

### High School

Masuk High School • GPA: 4.9

Monroe, CT • 09/2018 - 06/2022

- **Top 10** in Class
- **Graduated at 16** with **High Honors**

## AWARDS & SCHOLARSHIPS

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### President's Scholarship

University of Maryland

### Saint Michael's College Book Award

Saint Michael's College

## PROJECTS

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### Github

<https://github.com/trevorscholz1/Portfolio>

I enjoy combining my experience with coding, machine learning, and app/web development with my personal interests to

create tangible projects that have real-world use cases.

## PUBLICATIONS

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### **ClusterJam**

App Store

Created in **Swift** and **SwiftUI** with a backend that uses **Python** and **Scikit-Learn**'s K-means clustering algorithm.

<https://apps.apple.com/us/app/clusterjam/id6557030793>

## SKILLS

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C++, C (Programming Language), Java, JavaScript, Linux, OCaml, Pandas, Python, Rust, Scikit-Learn, SQL, Swift, TensorFlow, Unix