# Trevor Scholz

he/him • College Park, Maryland • 203-727-1359 • trevorscholz1@icloud.com • linkedin.com/in/trevor-scholz •
www.trevorscholz.dev

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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**.
- Gained hands-on experience with design principles and user interface development

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

### 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

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