

# Trevor Scholz

College Park, MD

203-727-1359 | [trevorscholz1@icloud.com](mailto:trevorscholz1@icloud.com) | <https://linkedin.com/in/trevor-scholz>

<https://github.com/trevorscholz1/Portfolio> | <https://trevorscholz.dev>

## Software Engineer / Data Scientist

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Aspiring Software Engineer with a strong foundation in computer science and data science from the University of Maryland. Demonstrated skills in web and mobile development through projects involving AstroJS, Python, Swift, and SQL, and hands-on experience with machine learning frameworks like TensorFlow and Scikit-Learn. Completed a UI/UX apprenticeship and contributed to high-resolution spectroscopy research at NASA. Eager to leverage technical skills and project experience in a software engineering role.

## WORK EXPERIENCE

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### NASA - Goddard Space Flight Center

Jul 2024 - Present

*Undergraduate Research Intern*

*Greenbelt, MD*

- Worked in the SHARP Lab at NASA - GSFC on the HIPWAC infrared spectrometer, contributing to its high-resolution capabilities
- Utilized Linux machines, Unix terminal, DaDa software, and Cryogenics to enhance instrument functionality
- Collaborated with lab group to implement continuous improvements, enhancing lab efficiency and research outcomes

### Sunlight Financial

Jan 2022 - Jun 2022

*UI/UX Apprenticeship*

*Monroe, CT*

- Completed a UI/UX apprenticeship at Sunlight Financial, gaining practical skills in user interface design and development
- Created a prototype for an upcoming tool using InvisionApp, which streamlined the design process
- Acquired hands-on experience with design principles and user interface development, enhancing the usability and aesthetics of digital products

## EDUCATION

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### University of Maryland - College Park

Sep 2022 - May 2026

*Computer Science major, Data Science track, Astronomy minor*

*College Park, MD*

- **GPA:** 3.008
- **Achievements:** University Honors program

### Masuk High School

Sep 2018 - Jun 2022

*High School*

*Monroe, CT*

- **GPA:** 4.9
- **Achievements:** Top 10 in Class, Graduated at age 16 with High Honors

## AWARDS & SCHOLARSHIPS

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- **Saint Michael's College Book Award:** Received 2022
- **President's Scholarship:** University of Maryland 2022-2026

## PROJECTS

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### ClusterJam

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

- Created in Swift and SwiftUI with a backend that uses Python and Apple's MusicKit for a custom recommendation algorithm.

### AstroWorld

<https://apps.apple.com/us/app/astroworld-stargazing-app/id6736925275>

- Star Tracking app with a simple and easy to use UI, using Swift's 3D object capabilities and Google's Firebase for a simple backend.

## SKILLS

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- **Programming Languages:** Python, SQL, Swift, Rust, C++, C, Java, JavaScript, OCaml, GO
- **Tools & Frameworks:** Linux, Pandas, Scikit-Learn, TensorFlow, Unix, AstroJS, SwiftUI, Firebase, Spark, Git