

# Trevor Scholz

College Park, MD

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

## Software Engineer / Data Scientist

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 modern frameworks like **AstroJS**, **NextJS**, and **React Native**, and hands-on experience with machine learning frameworks and languages like **Python**, **TensorFlow**, and **Scikit-Learn**. Completed a UI/UX apprenticeship, contributed to high-resolution spectroscopy research at NASA, and working as a Software Engineering Intern at Narb. Eager to leverage technical skills and project experience in a software engineering or data science role.

## WORK EXPERIENCE

### Narb Jul 2025 - Present

*Software Engineer Intern*

*College Park, MD*

- Created AI-focused applications using **Expo**, **NextJS**, **React Native**, and **TypeScript**, enhancing user engagement and application performance
- Collaborated with a team of 6 engineers using **Agile** methodologies, achieving on-time deliveries across multiple tasks
- Developed skills with company encouraged **AI** tools including **Gemini CLI** and **TraeAI**

### 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
- Developed a Natural Language search program in **Python** and **Flask** to directly speed up looking for parts in the lab

### Sunlight Financial Jan 2022 - Jun 2022

*UI/UX Apprenticeship*

*Monroe, CT*

- Gained practical skills in **user interface design** and development, contributing to improved user experiences
- Created a prototype for an upcoming tool using **InvisionApp**, which streamlined the design process
- Acquired hands-on experience with design principles, enhancing the usability and aesthetics of digital products

## EDUCATION

### 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, President's Scholarship
- **Coursework:** Machine Learning, Data Science, Object-Oriented Programming, Data Structures & Algorithms, Computer Systems

### 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, Saint Michael's College Book Award

## PROJECTS & PUBLICATIONS

### 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
- 1 of 2 apps published on **Apple's App Store**

### LIGHTCURVE AND ROTATION PERIOD OF MAIN-BELT ASTEROID 3961 ARTHURCOX

*Minor Planet Bulletin*

- Published in the Fall Equinox edition of the Minor Planet Bulletin on September 22nd, 2025
- Conducted photometric observations of asteroid **3961 Arthurcox** over five nights (Mar–Apr 2025), combined into a phased lightcurve using **MPO Canopus**, determining its rotation period as **57.01 ± 0.25 hours**

## SKILLS

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