

Ethan Landers

Fort Myers, FL | (757) 354-7561 | elanders002@gmail.com
GitHub: [@ethanlanders](https://github.com/ethanlanders) | LinkedIn: [@ethanlanders](https://www.linkedin.com/in/ethanlanders) | ethanlanders.github.io

EDUCATION

Old Dominion University | Norfolk, VA
MS in Computer Science, GPA: 4.0
BS in Computer Science, GPA: 3.94

Expected May 2025
Expected May 2024

RELEVANT COURSEWORK

| | | |
|------------------------------|----------------------------------|--------------------------|
| Data Science | Computational Methods & Software | Probability & Statistics |
| Data Structures & Algorithms | Object-Oriented Programming | Linear Algebra |

TECHNICAL AND LANGUAGE SKILLS

Programming: Python, C++, Linux
Libraries & Frameworks: NumPy, Pandas, NLTK, Matplotlib, Seaborn
Foreign Language: Spanish – Advanced Proficiency

RELEVANT EXPERIENCE

Old Dominion University | Norfolk, VA

Educational Program Coordinator | NASA@MyLibrary

Oct 2021 – Jun 2023

- Collaborated with colleagues and mentors to develop and deliver STEM educational programs over Zoom for library audiences nationwide on topics like the James Webb Space Telescope, Python programming, and what a computer science degree may entail
- Improved accessibility to STEM educational experiences for young audiences

Student Designer | Innovate Cyber

Jan 2023 – Apr 2023

- Led the design of a cyber hygiene prototype aimed at integrating cybersecurity education into Virginia K-12 classes
- Employed design thinking methodologies to guide the project, fostering collaboration within a three-member team to ensure a comprehensive and effective solution
- Showcased the prototype to a diverse panel, emphasizing potential impact on K-12 cybersecurity awareness in Virginia

Student Researcher | Research Experience for Undergraduates Program

Jun 2022 – Aug 2022

- Conducted full-time research to assess the MultiVerS model, an automated system for scientific claim verification
- Preprocessed data to generate an open-domain dataset, achieving a 75% consensus rate for independent labeling
- Implemented and assessed the MultiVerS model with the newly created dataset
- Identified model limitations and provided insights for future improvements in scientific claim verification systems
- Published as coauthor for research findings in 8th National Workshop for REU Research in Networking and Systems

PROJECTS

Walkability & Well-Being – An Urban Analysis

Aug 2023 – Dec 2023

- Conducted thorough data exploration for New York City neighborhoods, revealing no discernible correlation between poverty and walkability yet identified that neighborhoods with lower walkability exhibited higher rates of student obesity
- Employed Python and Pandas to clean and manipulate raw datasets
- Generated visualizations using Matplotlib and Seaborn to illustrate dataset characteristics and correlations

VOLUNTEER EXPERIENCES / ORGANIZATIONS

Group Co-Organizer | Tech Alliance of SWFL

Dec 2023 – Present

- Plan and organize quarterly community outreach events for a prominent Southwest Florida tech group with over 600 members as an organizing leader

Group Co-Organizer | Python SWFL

Dec 2023 – Present

- Plan and organize monthly Python-focused events for the Southwest Florida tech community, including a foundational knowledge virtual Python study group

AWARDS

Old Dominion University Perry Honors College
Cranmer-Skinner Honors Scholarship
Richard T. and Nancy P. Cheng Award in Computer Science
Old Dominion University Presidential Scholarship

Fall 2020 - Present
Summer 2023
Summer 2022
Spring 2020