

Ethan Landers

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EDUCATION

Old Dominion University | Norfolk, VA

MS in Computer Science

GPA: 4.0

Expected May 2025

BS in Computer Science

GPA: 3.94

Expected May 2024

RELEVANT COURSEWORK

Data Science

Data Structures & Algorithms

Computational Methods & Software

Object-Oriented Programming

Probability & Statistics

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 and collection for New York City neighborhoods to identify correlations between community walkability and well-being indicators, including concentrated poverty and student obesity rates
- Employed Python and Pandas to clean and manipulate raw datasets
- Generated visualizations using Matplotlib and Seaborn to illustrate dataset characteristics and correlations

VOLUNTEER EXPERIENCES

Meetup | Fort Myers, FL

Co-Organizer | PySWFL

Dec 2023 – Present

- Co-organize with the founder to plan Python-focused events for the Southwest Florida tech community
- Create and host in-person social events for community members to network and interact
- Plan and lead a monthly Python study group for foundational knowledge

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