

Ethan Landers

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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

Artificial Intelligence	Data Science	Data Structures & Algorithms
Data Visualization	Object-Oriented Programming	Probability & Statistics

TECHNICAL AND LANGUAGE SKILLS

Programming: Python, C++, Linux
Libraries & Frameworks: NumPy, pandas, NLTK, Matplotlib, Seaborn
Data Analysis Tools: OpenRefine, Tableau
Foreign Language: Spanish – Advanced Proficiency

RELEVANT EXPERIENCE

Old Dominion University | Norfolk, VA

Educational Program Coordinator | NASA@MyLibrary

Oct 2021 – Jun 2023

- Delivered STEM educational programs nationwide over Zoom for young library audiences covering 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 | 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

Group Co-Organizer | Tech Alliance of SWFL

Dec 2023 – Present

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

AWARDS AND CERTIFICATIONS

AWS Certified Cloud Practitioner

March 2024

Old Dominion University Perry Honors College

Fall 2020 - Present

Cranmer-Skinner Honors Scholarship

Summer 2023

Richard T. and Nancy P. Cheng Award in Computer Science

Summer 2022

Old Dominion University Presidential Scholarship

Spring 2020