Ethan Landers

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EDUCATION

Old Dominion University | Norfolk, VA

MS in Computer Science   Expected May 2025
GPA: 4.0

BS in Computer Science   Expected May 2024
GPA: 3.94

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

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	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