Seth Lamancusa

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EDUCATION

The Ohio State University: Honors BS in Data Analytics, Cognitive Science minor
August 2021 - May 2025 (expected); Columbus, OH
- Computational Analytics specialization
  - Machine Intelligence focus
- 3.79 GPA
- Honors standing
- AI Club, Cognitive Science Club, Big Data Analytics Association (Fall 2022 - present)

Stow-Munroe Falls High School: Honors diploma
August 2017 - May 2021; Stow, OH
- 4.567 GPA
- CTE Program: Programming and Software Development
- Extracurricular participation in Matrix A WGI percussion ensemble

EXPERIENCE

Research Assistant: The Ohio State University
June 2023 - December 2023: Columbus, OH
- Assisted with research into attentional bias in Dr. Julie Golomb's Vision & Cognitive Neuroscience Lab. Lab directions included visual perception and attention, object identity and location, neural representations, and working memory.
- Managed the experimental process, including subject recruitment and data collection, ensuring adherence to research protocols.
- Analyzed complex datasets and contributed to statistical interpretation, complemented by extensive review of relevant scientific literature in visual cognition and attention.

Software 1 Grader: The Ohio State University
January 2022 - May 2022: Columbus, OH
- Selected for the grader role for outstanding performance in Software I; taught Java syntax and data structure/algorithm implementation, enhancing my own proficiency.
- Leveraged my own understanding of programming concepts to provide targeted instruction, improving students' understanding.

PROJECTS, SKILLS & INTERESTS

- 26quick.com: passion project, provides hands-on data processing, data visualization, and frontend web development experience, aims to identify trends in how people learn, such as rate of improvement, peak performance window, etc. View documentation at my GitHub.
- Select courses (taken or enrolled): Foundations I/II, Software I/II, Systems I, Intro to Database Systems, Data Management in the Cloud, Data Mining, Calculus I-III, Linear Algebra, Intro to Statistical Inference, Statistical Modeling for Discovery I/II, Survey of Artificial Intelligence
- Technologies: Python (numpy, pandas, matplotlib, PyTorch, scikit-learn, scipy), R, SQL, Git, Microsoft Office Suite, MATLAB, Java, HTML, CSS, JavaScript, Unix/Linux, C
- Interests: AI/ML, NLP, RL
- Soft skills: communication, eagerness to learn