



Aiden C. Meyer

Software Engineer

Current graduate student, aspiring software engineer / data scientist. Specializations include conjoint analysis, graphics programming, and natural language processing.



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Experience

Research Supervisor

Global Policy Institute

Aug 2023 - present
Los Angeles, CA

- Lead a team of undergraduates in multiple studies involving international relations and domestic unrest.

Teacher / Mentor

Fusion Academy

Aug 2022 - present
Los Angeles, CA

- Taught a range of STEM subjects to high schoolers, including computer science, economics, and calculus.

Game Developer

LMU Honors Program | Chromelion Games

Oct 2021 - May 2022
Los Angeles, CA

- Wrote core gameplay systems for two puzzle games as part of the LMU Honors Scholarship program.

Research

Preferred Facial Features in the US

St. Louis University - Division of Plastic Surgery

Sep 2023 - present
Los Angeles, CA

- Programmed survey software & analyzed data for a conjoint analysis study on preferred features for plastic surgery.

Analysis of Modern US - Taiwan Relations

Loyola Marymount University

Jul 2023 - Sep 2023
Los Angeles, CA

- Conducted a conjoint analysis study on Taiwan sentiment of the US, identified what factors are the most influential.

SeaTraceBlueNet

Natural Science Foundation

Nov 2021 - Jul 2022
Los Angeles, CA

- Developed data pipelines & deep learning NER models for SeaTraceBlueNet, a traceability network for marine life.

Multitask Learning for DNA Processing

Loyola Marymount University

Jan 2022 - May 2022
Los Angeles, CA

- Explored multi-objective optimization techniques for taxonomic identification of DNA. Implemented findings with a Naive Bayes network, outperforming other NLP methods.

Education

Loyola Marymount University
MS, Computer Science 2024

Loyola Marymount University
BS, Applied Math 2022

Technical Skills

Python	R
SQL	MatLab
Qualtrics	DotNet
Rust	C++
JavaScript	React
VHDL	Neovim

Coursework

Algorithms & Data Structures
Cognitive Systems
Deep Learning
Linear Algebra

Other Skills

Video Production & Editing
Shader Programming
3D modeling & Animation