

ANTHONY CUSIMANO

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EDUCATION

University of California, Irvine

Sep 2021 – June 2025

Bachelor of Science in Data Science; 3.97 GPA

Irvine, CA

- Dean's Honor List
- Relevant Coursework: Data Structures/Algorithms, Probability and Statistics, Linear Algebra, Statistical Computing, Intro to AI

RESEARCH

SoCal Data Science Research Fellowship

Jun 2023 – Aug 2023

UC Irvine

Irvine, CA

- Prepared data for Kaplan-Meier survival model using exploratory analysis & feature engineering
- Collaborated with Fleischman Lab to investigate effects of Mediterranean and DASH diets on symptom reduction speed in patients with Myeloproliferative Neoplasms
- Contributed to paper publication and disseminated results at UC Irvine's Data Science research symposium

PROJECTS

Montreal Crime Analysis: Embark Datathon Runner-Up | *Python, R*

Apr 2023

- Performed exploratory analysis, merging, and data cleansing/engineering
- Presented correlation analysis revealing connection between hockey wins and crime rates

Monkeypox Dashboard | *Python (Pandas, NumPy, Matplotlib, Geopandas)*

Aug 2022

- Developed web app aggregating and presenting Monkeypox data across the web
- Implemented automated web scraping, data cleaning/manipulation/analysis

Motion Trivia | *Python (OpenCV), Open Trivia Database API*

July 2022

- Developed trivia game played with facial tracking
- Explored Haar Classifiers to identify faces with machine learning
- Implemented Open Trivia Database API providing continually updating questions

Quizify: ZotHacks Hackathon 'Hacker's Choice' Winner | *Python, HTML/CSS/JS, Flask*

Nov 2021

- Created personalized, lyric-based web game using users' Spotify history
- Implemented Spotify/Musixmatch APIs and OAuth

EXTRACURRICULAR ACTIVITIES

Data Analytics Virtual Internship Participant

June – Aug 2022

Accenture (Hosted by Forage)

- Performed modeling and visualization of social media data with Python and Jupyter Notebook
- Presented key insights and business recommendations to client through video

EXPERIENCE

Corporate Outreach Committee Member

Sep 2021 – Present

UCI Information/Computer Science Student Council

Irvine, CA

- Established professional relationships with corporate sponsors and alumni
- Hosted multiple career-development workshops, including resume reviews and computer science skills

Freelance User Interface/Experience Tester

June 2021 – Feb 2023

UserTesting

Remote

- Provide feedback on web development in form of live recordings and written critique
- Rated as '5 Star' tester; 30+ website prototype tests completed

TECHNICAL SKILLS

Languages: Python, R, C++, Java, SQL, HTML/CSS

Tools: Visual Studio Code, Eclipse, PyCharm, Git, Microsoft Office, Google Suite

Libraries: Pandas, NumPy, Seaborn, Matplotlib, GeoPandas, OpenCV