

Joey Kaminsky

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I am a diligent third-year data science student at the University of California San Diego with a passion for learning. I am also a driven data science engineer who uses a wide range of tools to deliver analytics and insights to help drive success.

EDUCATION

Bachelor of Science in Data Science, University of California San Diego, La Jolla, CA Anticipated June 2025

Minoring in Finance and Cognitive Science

GPA: 3.98

- Awarded Provost Honors for all six completed quarters
- Data Science Student Society Member
- Eta Kappa Nu Engineering Honor Society Member

High School Diploma, William Fremd High School, Palatine, IL May 2021

GPA: 3.92 Unweighted, 4.71 Weighted | SAT: 1510 (800 in Math and 710 in Evidence-Based Reading and Writing)

- Awarded Academic Scholar, AP Scholar With Distinction, Seal of Biliteracy in Spanish

EXPERIENCE

BioREG Data ITS Developer, University of California San Diego, La Jolla, CA September 2023 – Present

- Utilize ArcGIS, SQL, Python, and image recognition machine learning to geographically analyze farm data to identify and solve food deserts.
- Provide analysis on data curated from Limesurvey-SuAVE.
- Lead data collection and analysis efforts in the San Diego community utilizing Python, Excel, and SQL.

NSF REU Intern, San Diego Supercomputer Center, La Jolla, CA December 2022 – September 2023

- Developed a Python-based analysis workbench that reads in database files that include images, JSON network data, and map data to conduct 20 different forms of analysis, ranging from image analysis to network analysis.
- Utilized Python, web scraping, and machine learning to curate image data for databases.
- Combined the functionalities of SuAVE, CorpusDB, and OpenAlex API to collaboratively gather and organize data.
- Improved the San Diego Unified School District COVID-19 screener; provided relevant and accurate medical recommendations for 5,000+ users.

Database Programmer, MedSpan Research, South Barrington, IL August 2021 – July 2022

- Created and managed client databases of up to 30,000 entries.
- Collected and analyzed data on surveys to present to business partners.
- Coded 90 surveys using Qualtrics.
- Set up and controlled user access levels across databases to protect important data.

VOLUNTEER

Community Outreach, Eta Kappa Nu, La Jolla, CA December 2022 – Present

- Help inspire future engineers in middle and high school through leading engineering activities.

Content Writer, San Diego Supercomputer Center, La Jolla, CA January 2023 – Present

- Write articles in the fields of technology and data science.

PERSONAL PROJECTS

Wordle Guesser July 2023 - August 2023

- Optimally solve the daily Wordle using word frequency analysis, web scraping, and Python coding techniques.

Python Personalized Stock Tracker May 2022 - August 2022

- Analyzes the stock market and related articles and emails portfolio summaries and potential stock movements.

ADDITIONAL SKILLS

Data Related

Python, Java, R, SQL, Excel, Git, ArcGIS, Web Scraping, Qualtrics, HTML, Data Cleaning and Visualization in Python

Other

Dedication, Teamwork, Communication, Problem-Solving Abilities

ARTICLES

- COVID-19 e-Decision Tree Continues Keeping K-12 Students Safe ([link](#)) June 2023