

Jason Huynh

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Education

University of California, San Diego

San Diego, CA

B.S. Data Science, Hebrew Language and Literature Minor

Jun 2026

Coursework: Data Structures & Algorithms, Data Science, Artificial Intelligence, Machine Learning, Probability

Activities: Data Science Student Society Consulting, Association for Computing Machinery

Experience

San Diego County Sheriff's Department

San Diego, CA

Data Science Intern

Jan 2024–Present

- Built ELT pipelines in Azure Synapse to migrate on-premises data from SQL Server to Azure Data Lake Storage.
- Developed interactive Power BI dashboards and reports to enhance decision-making across the department.
- Performed data cleaning and transformation using Python and SQL to ensure data integrity for analytics projects.

Halicioğlu Data Science Institute

San Diego, CA

Undergraduate Teaching Assistant

Apr 2024–Present

- Hosted weekly data science office hours for ~300 students on pandas, NumPy, and Jupyter Notebook.
- Pushed regular updates to the Jekyll course website via GitHub, publishing lectures and assignments.
- Beta-tested and graded labs, homework, projects, quizzes, and exams.

Deloitte

San Diego, CA

Data Science Mentee

Apr 2024–Jun 2024

- Led a data science case study analyzing ecommerce transaction data with pandas, NumPy, and scikit-learn.
- Presented findings to 30+ consulting professionals, receiving positive feedback for clarity and impact.
- Mentored by a Deloitte Consultant to improve business, technology, and consulting skills.

Brave Software

San Diego, CA

Marketing Intern

Apr 2024–Jun 2024

- Organized weekly events at UCSD to promote Brave Browser, resulting in 1000+ total new downloads.
- Collaborated with colleges, student organizations, and local businesses to develop and implement campaign ideas.
- Ranked 1st in performance metrics among 7 university marketing teams nationwide.

Halicioğlu Data Science Institute

San Diego, CA

Undergraduate Research Scholar

Sep 2023–Jun 2024

- Awarded a \$2,000 research grant to study S-Band radar behaviors in varying marine atmospheres.
- Utilized pandas, NumPy, and Jupyter Notebooks to analyze radar emissions and validate theoretical models.
- Collaborated with the Scripps Institution of Oceanography and the U.S. Naval Research Laboratory.

Juni Learning

San Francisco, CA

Computer Science Instructor

Jul 2023–Jan 2024

- Provided weekly one-on-one instruction in Python, Java, and Data Science through hands-on projects to students.
- Simplified technical computer science concepts like Data Structures and Algorithms into comprehensible language.

Projects

Interactive Statistical Comparison of Anthony Edwards and Michael Jordan

Jun 2024

- Developed a compelling statistical narrative to compare the performances of Anthony Edwards and Michael Jordan.
- Used NBA_api to pull athlete data and create an interactive shot chart with D3 and Svelte.

League of Legends Exploratory Data Analysis & Prediction Model

Mar 2024

- Analyzed 125,904 Esports matches with Python to determine which role consistently carries their team to victory.
- Developed a RandomForestClassifier model to predict player roles with 74.6% accuracy, incorporating data pre-processing and optimization with GridSearchCV in a scikit-learn pipeline.

Skills

Languages: Python, Java, SQL

Libraries: pandas, NumPy, Matplotlib, scikit-learn, BeautifulSoup, Dask, PySpark

Technologies: Power BI, Tableau, Azure, SQL Server, PostgreSQL, MySQL, Git, SSRS, Jupyter Notebooks