

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

- Developed ETL pipelines within Azure Synapse Analytics to migrate on-premises data to the cloud.
- Led the design and implementation of a relational database for LMS data on Microsoft SQL Server.
- Created 5+ Power BI dashboards and reports to enhance decision-making across multiple departments.

Halicioğlu Data Science Institute

San Diego, CA

Undergraduate Teaching Assistant

Apr 2024–Present

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

Deloitte

San Diego, CA

Data Science Mentee

Apr 2024–Jun 2024

- Led a data science case study to analyze customer transaction data for an ecommerce company.
- Delivered a successful presentation at a final showcase with two other mentees.
- Trained under 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 orgs, and local businesses to develop and implement campaign ideas.
- Ranked 1st in performance metrics among 7 other Brave university marketing teams.

Halicioğlu Data Science Institute

San Diego, CA

Undergraduate Research Scholar

Sep 2023–Jun 2024

- Awarded a \$2,000 grant to research S-Band radar behaviors in different marine atmospheres.
- Utilized Python and MATLAB to interpret radar emissions and compare theoretical predictions.
- 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, MATLAB, JavaScript, R

Libraries: pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Beautiful Soup, D3, Vega-Altair

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