Jason Huynh

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Education

University of California, San Diego — **San Diego, CA**
Data Science and Cognitive Science B.S., 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.

Halıcıoğlu Data Science Institute — **San Diego, CA**
Instructional Assistant — Apr 2024–Present
- Provided one-on-one data science tutoring for ~300 DSC10 students in Python.
- Hosted weekly individual office hours focusing on data processing, modeling, and analysis in pandas.
- 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 900+ 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.

Halıcıoğlu 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, Svelte, Microsoft SQL Server