

Jason Huynh

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EDUCATION

University of California, San Diego

Sep 2022 - Jun 2026

BS in Data Science, Minor in Hebrew Language and Literature

San Diego, CA

EXPERIENCE

Instructional Assistant

Apr 2024 - Present

Halicioğlu Data Science Institute, UC San Diego

San Diego, CA

- 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.
- Published lectures and assignments to the class website through regular commits to the GitHub repository.
- Beta-tested and graded course material, including labs, homeworks, projects, quizzes, and exams.

Marketing Intern

Apr 2024 - Present

Brave Software, Inc.

San Diego, CA

- Organized weekly events at UCSD to promote Brave Browser, resulting in 400+ total new downloads.
- Collaborated with colleges, student orgs, and local businesses to develop and implement campaign ideas.
- Ranked #1 in performance metrics among 7 other Brave university marketing teams.

Data Science Intern

Jan 2024 - Present

San Diego County Sheriff's Department

San Diego, CA

- 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.

Undergraduate Research Scholar

Sep 2023 - Present

Halicioğlu Data Science Institute, UC San Diego

San Diego, CA

- Awarded a \$2,000 grant by the Halicioğlu Data Science Institute for research on the intricate behaviors of Furuno S-Band radar pulses under varying marine atmospheric conditions.
- Utilized MATLAB and Python to interpret radar emissions and compare theoretical predictions, under the mentorship of Dr. Peter Gerstoft from UC San Diego's NoiseLab.
- Collaborated with Scripps Institution of Oceanography and the U.S. Naval Research Laboratory to collect and analyze empirical data on radar interactions with evaporation ducts and capping inversions.

Computer Science Instructor

Jul 2023 - Jan 2024

Juni Learning

San Francisco, CA

- Taught Python, Java, and Data Science one-on-one to students weekly through hands-on projects.
- Simplified technical computer science concepts like Data Structures and Algorithms into easily comprehensible language for students with varying levels of expertise.

PROJECTS

[League of Legends Exploratory Data Analysis](#)

Mar 2024

- Analyzed data from 125,904 Esports League of Legends matches in Python to determine which role consistently leads teams to victory.
- Engineered a classification model to predict a player's role with 74.6% accuracy using a RandomForestClassifier, optimized by GridSearchCV, and integrated data preprocessing with SimpleImputer and MaxAbsScaler in a scikit-learn pipeline.

SKILLS

Languages: Python, Java, SQL, MATLAB, JavaScript

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

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