

Xuewen (Daphne) Yang

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Recently graduated from UC San Diego, adaptable and detail-oriented, with a strong willingness to explore software engineering and data-related fields.

WORK EXPERIENCE

Walmart Global Technology, Sunnyvale, CA **July 2024 - Present**
Software Engineer II

- Worked at the Measurement and Reporting team in Display Advertising.

Walmart Global Technology, Sunnyvale, CA **June 2023 - Aug. 2023**
Software Engineer II Intern

- Worked at the Measurement and Reporting team in Display Advertising.

University of California San Diego, La Jolla, CA **May 2021-March 2024**

Advancement Data and Business Intelligence Assistant [Nov. 2022 – June 2023 & Sept. 2023 - Dec. 2023]

- Worked on the embedded data and reporting team that supports the university's fundraising department.
- Worked on data maintenance tasks such as:
 - Managed a large number of constituent update requests and maintenance tasks
 - Organized, maintaining, and worked through various exception reports
 - Standardized and implemented standardizations to current data and processes
 - Other system and data tasks as assigned

Math Course Reader/Grader [Oct. 2022 – Mar. 2023 & Oct. 2023 - March 2024]

- Graded homework for over 200 students in MATH 11 (Calculus-Based Introductory Probability and Statistics) during FA22 and WI23, as well as in MATH 173A (Optimization Methods for Data Science I) during FA23, and will be grading for MATH 2 (Introduction to College Mathematics) in WI24.

Admissions Processing Assistant [May 2021 – Sept. 2021 & Apr. 2022 – Aug. 2022]

- Indexed transcripts and test scores remotely using Admissions Document Imaging System.
- Maintained confidentiality and ensured efficient document processing.

EDUCATION

University of California San Diego **La Jolla, CA**
M.S. in Data Science **09/2024**

University of California San Diego **La Jolla, CA**
B.S. in Mathematics - Computer Science & B.S. in Data Science **09/2020 - 03/2024**

GPA: 3.89/4.0

Awards: Mae Brown Scholarship, Errett Bishop Scholarship, Provost's Honor

PROJECTS

Scoring Risk of Default Using Banking Transaction Data

- Developed an innovative cash score model for **assessing credit risk** of first-time loan and credit card applicants.
- Led data analysis, income estimation, and feature derivation processes, ensuring robust risk assessment.
- Achieved **84% accuracy** and **0.87 AUC** with **XGBoost** model, identifying top 40% risky borrowers with < 8% default rate.
- Provided actionable insights on top three default risk factors, contributing to enhanced lending decisions and inclusive practices.

SKILLS

- **Programming Languages:** Python, Java, C/C++, SQL, MATLAB, JavaScript, Scala
- **Tools:** Jupyter Notebook, Git, Pandas, Linux, MySQL, Google BigQuery, Tableau
- **Software:** MS Office (Word, Excel, PowerPoint, Outlook), Google suite (Docs, Slides, Sheets)
- **Speaking Languages:** English, Chinese (Cantonese and Mandarin)