Kristen Waterford

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• https://github.com/KWATER2352

EDUCATION

San Diego State University – San Diego, CA   Fall 2026

Bachelor of Science in Computer Science, Minor in Psychology Cognitive and Behavioral Neuroscience

Kristen Waterford (2024, March) "A Review of Question and Answering Systems for Medical Information Retrieval". Presented at San Diego State S3 Student Research Symposium, CA

Relevant coursework: Data Structures and Algorithms, Principles and Techniques of Data Science, Advanced Programming Languages, Computer Architecture

SKILLS & CERTIFICATIONS

Skills: Microsoft Office, Google Workspace, Web Development (HTML, CSS, JS, Figma), App Development (React JS, Kotlin)

Languages: Bilingual Fluency (Spanish)

Syntax: Java, Python, c++

Certifications: American Red Cross CPR+Basic First Aid, Youth Mental Health First Aid Certified (Dec 2024)

EXPERIENCE

CodePath Campus Ambassador | CodePath | San Diego, CA   Sept 2025 – Present

- Promote CodePath's mission and courses on campus. Building partnerships with campus organizations to expand outreach and foster participation.
- Organizing and facilitating info sessions and study groups to support students in technical interview prep, coding challenges, and project development.
- Managed social media marketing campaigns, increasing visibility and participation through targeted posts and digital outreach.
- Collected and reported metrics on student engagement, program admission, and feedback to improve future initiatives.

Tech Fellow | CodePath | San Diego, CA   Feb 2024 – Jan 2025

- Responsibilities included building community on campus, facilitating breakout rooms and assisting students during each class.
- Technical debugging of students' code and re-enforcing material learned in class for both groups and one-on-one.
- Tracked student progress and engagement with tools such as Slack, LMS platforms, and Zoom.
- Championed company initiatives that promoted diversity, inclusion, and support for advancing college students into tech careers.

Research Assistant | AI4Business San Diego State University | San Diego, CA   Oct 2023 - Feb 2024

- Proficient in evaluating the effectiveness of Question and Answering (Q&A) systems across diverse domains.
- Assisted in gathering, organizing, and analyzing project data, operating Google Workspace.
- Proficient in conducting rigorous scientific writing and citation checks, ensuring adherence to publication guidelines.
- Awarded the "Liao-Huangfu Light-House" Second-Stage Silver Scholarship for "A Review of Question and Answering Systems for Medical Information Retrieval."

Lead Teacher| Treobytes | San Diego, CA | San Diego, CA   May 2023 – Aug 2023

- Taught middle school students foundational Computer Science and programming languages, with the aid of LEGO Spike and TinkerCad at San Diego City College.
- Utilized software programs such as Micro Studio for game development, aiding students in creating their own video games from scratch.
- Guided and maintained the rules of the classroom and ensured appropriate conduct. Taught and managed groups of more than 15 students, verifying guardian Identification at pick up and drop off.