KATE STADLER

COGNITIVE AND COMPUTER SCIENCE STUDENT

CONTACT

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Los Altos, California

Personal site

EDUCATION

2022-2026

UNIVERSITY OF CALIFORNIA, SAN DIEGO

- Cognitive Science w/ Machine Learning and Neural Computation Specialty
- Computer Science minor
- Bachelor of Science
- 4.0 CS GPA
- 3.8 Cogsci GPA

SKILLS

- Code review
- Leadership
- Java
- Python (pandas, matplotlib, seaborn, scikit-learn, numpy)
- C
- Bash scripting
- JavaScript
- CSS
- Microsoft, Linux environment
- Machine Learning frameworks
- Writing, editing, copywriting

WORK EXPERIENCE

Academic Achievement Hub @ UCSD December 2023 - Present

Content Tutoring Operations Assistant

- Created a Java program to automate and optimize information retrieval for the center
- Manage a large drive of tutor information, schedules, classes, and calendars
- Assist with day-to-day operations in the Academic Achievement Hub's Content Tutoring center
- Manage and clean attendance data

UCSD Computer Science Department May 2023 - March 2024

CSE6R Tutor (Python)

- Held office hours for code review
- Helped students debug code
- Tested and gave feedback on course materials
- Worked to help students understand material not just by answering questions, but helping them come to the answer themselves

Barista April 2020 - September 2023

T4

Research/Project Experience

- Worked with Professor Niema Moshiri, learning about computational biology and bioinformatics. I reviewed some of his codebase, and after researching different simulation frameworks, including computational social networks, I created configuration files (JSON format) for users to more easily simulate certain diseases. I wrote a pre-print about the improvement of user friendliness in the creation and analysis of complicated epidemic simulations. Check it out here!

- Created my personal site (see contact section) with HTML and CSS

Relevant Coursework

- Intro to Programming and Computational Problem Solving
- Basic Data Structures and OOP
- Software Tools and Techniques
- Discrete Math
- Mathematics for Algorithms and Systems
  - Model and analyze algorithms and computer systems (Fall 2024)
- Computer Organization and Systems Programming
  - C, Assembly, preprocessors, memory hierarchy
- Data Science in Practice
- Supervised Machine Learning (Fall 2024)