

Jiaqi Wu

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Summary

I am passionate with the field of computer science and mathematics in both academic research and industrial application. I am actively looking for SWE/Data Analyst/MLE internship positions in 2025 summer. I can start working as early as mid-June and until mid-September.

Skills

Programming Languages: Java, Python, C/C++, HTML5/CSS, JavaScript

Tools: Git, MATLAB, Microsoft Word, Excel, PowerPoint

Work Experience

Inspirit AI

Remote

STUDENT RESEARCHER

June. 2021 - July. 2021

- Learnt Python programming language specifically in machine learning applications.
- Constructed a supervised model on predicting exoplanets and increasing the model's accuracy through different ML methods from scikit-learn library such as logistic regression, data augmentation, KNN and CNN.

Interactive Entertainment Technology Co., Ltd

Shanghai

PART-TIME ASSISTANT, INDUSTRY RESEARCH ASSISTANT

Aug. 2022 - Sep. 2022

- Analyzed reports, brain maps, and UI interaction schematics.
- Designed the copy level of the game, including the dynamic planning of the scene, and the rhythm of the experience mind flow, to ensure the performance effect of the copy level and the reasonableness of the numerical tendency while releasing the fun in the station.

Agential

La Jolla

RESEARCHER

Apr. 2024 - July. 2024

- Design the AI agent structure for LLM and test its performance across different benchmarks.
- Add zero-shot and few-shots examples and prompts for agents implemented by different methods.
- Document different methods for AI agent in an open-source library.

UCSD CSSA

La Jolla

APP DEVELOPER

July. 2024 - Oct. 2024

- Design and implement mobile application for the Chinese Students and Scholars Association at UCSD.
- Use frameworks such as Node.js to handle data transmitted between clients and servers, and store the database in Tencent Cloud.

Honors & Awards

2019 **Honorable Mention**, MATHCON 2019 Finals in Chicago

Chicago, U.S.A

2022 **Certificate of Distinction**, American Mathematics Competition 12

remote, U.S.A

2023 **Valedictorian**, Pioneer Academy Graduation Ceremony

New Jersey, U.S.A

Education

University of California-San Diego

La Jolla, California

B.S. IN MATHEMATICS - COMPUTER SCIENCE

Sep. 2023 - May. 2027

- GPA: 3.93/4.0
- Major Coursework: Calculus 1-4, Linear Algebra, Numerical Analysis, OOP in Java, Basic Data Structures, Computer Systems

Extracurricular Activity

Piotech Robotic Team

Wayne, NJ

CORE PROGRAMMER IN ROBOTIC VISION

Oct. 2019 - Mar. 2023

- achieved object detection using OpenCV
- aided the mechanical team to collaboratively win Rookie Inspiration Award in the regional First Robotic Competition in 2022