Jiaqi **Wu**

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"Uncertainty is a fundamental feature of human activity."

Summary

I am passionate with the field of computer science and mathematics in both academic research and industrial application. Actively looking for Data Analyst and MLE internship positions.

Skills

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

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

Project Experience

Inspirit AI Program   *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 (Shanghai) Technology Co., Ltd   *Remote*
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/Remote*
RESEARCHER   *Apr. 2024 - Now*

- 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.

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: 4.0/4.0
- Major Coursework: Calculus 1-4, Linear Algebra, OOP in Java, Basic Data Structures

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