Xiaofan (Cathy) Mu

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EDUCATION

Emory University– Atlanta, GA, USA   May 2025
Master of Science in Computer Science (Biomedical Concentration)
Award: LGS Scholarship

University of California, San Diego – San Diego, CA, USA   June 2023
Bachelor of Science in Computer Science | GPA: 3.302/4.0 | Major GPA: 3.397/4.0

Ohlone College – Fremont, CA, USA   May 2021
Associate in Arts in Natural Science: Mathematics and Technology Emphasis Tech | GPA: 4.0/4.0
Honors: Graduated With Highest Honors

TECHNICAL SKILLS

Computer Skills: C/C++, Python, Java, JavaScript, HTML, CSS, MySQL, Unity, MATLAB, Excel, LaTeX
GitHub: https://github.com/mu-xiaofan

WORK EXPERIENCES

Ohlone College – *Computer Science Tutor* – Fremont, CA, USA   August 2019 - May 2021
- Facilitated the development of students' programming proficiency in Python and C++ by leading lab or discussion sections, in addition to conducting office hours and review or problem-solving sessions.
- Provided prompt and thorough responses to student inquiries pertaining to the course material through various channels such as email, in-person interactions, and online forums.

RESEARCH PROJECTS

Global TIES Program: Diabeatit, University of California, San Diego   March 2023 - June 2023
- Created a game application with the goal of promoting awareness of diabetes causes and prevention among children.
- Demonstrate expertise in utilizing Unity and C# to develop a product prototype.
- Collaborate closely with the Design sub-team to implement design choices and enhance the overall UX/UI, resulting in a more cohesive and polished product.
- Designed, developed, and launched the complete website for the game, demonstrating proficiency in HTML, CSS, JavaScript, and web hosting technologies.

Text Classification with Extremely Weak Supervision, University of California, San Diego September 2021 - June 2022
- Developed a text classifier using X-Class, a tool developed by Dr. Jingbo Shang, under his guidance and direction.
- Applied BERT to generate class-specific document summaries, subsequently clustering them to form document-class pairs, and ultimately employing a supervised model for training purposes.
- Set up benchmark datasets for this task that covers different data and various class types.
- Undertook programming and searching information through literature study and interviews.
- Conducted extensive experiments to show and ablate the performance of X-Class.

LEADERSHIP EXPERIENCES

Secretary, Global Ties Program, University of California, San Diego   April 2023 - June 2023
- Maintained the website, documented meeting minutes, and uploaded weekly slides to Canvas.

Co-Founder, Computer Vision Club at Ohlone College   January 2021 - May 2021
- Co-founded the club and provided training sessions in terms of TensorFlow and MATLAB for members.

Secretary, Data Science Club at Ohlone College   January 2021 - May 2021
- Served as the scribe for weekly meetings and managed sessions and follow-ups.

Event Director, Ohlone Chinese Student & Scholars Association   October 2020 - May 2021
- Organized events and overseeing plans. Took a lead role in holding events.
- Organized team-bounding events and festival celebrations to connect over 400 members.

Treasurer, AI Club at Ohlone College   September 2020 - May 2021
- Managed all financial matters and tracked transactions made within the club, discussed the budget for all events.

ADDITIONAL SKILLS AND INTERESTS

Languages: Chinese (Native), English (Proficient)
Fine Arts: Painting, music, photography
Interests: Cooking, baking