Suyan (Steven) Qu

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Education:

University of Wisconsin - Madison   **Aug 2017 - Present**

Majored in Computer Sciences and Math during undergraduate education. Currently in the PhD program in Computer Sciences.

Experience:

Teaching Assistant

Department of Computer Science, UW-Madison   August 2021 - Present

Worked as a teaching assistant for CS 537, Intro to Operating Systems for Fall 2021 with Professor Remzi Arpaci-Dusseau.

Software Engineer Intern

Facebook, Inc., Menlo Park, CA   May 2020 - August 2020, May 2021 - August 2021

Worked in FAST Notification ML Team in summer 2020. Projects include developing a new notification type (full-stack), adding logging for analysis on notifications, and creating a new data pipeline. Worked in the Warm Storage Team in summer 2021. Project is to extend the stress testing tool to perform durability testing under various conditions.

Software Development Engineer Intern

Amazon.com, Inc., Seattle, WA   June 2019 - August 2019

Worked in Amazon Prime Video Resilience Engineering team. My intern project was to automatically set up monitors for service endpoints that notify service owners when their endpoints are about to be overloaded.

Director/Program Manager

Association of Computational and Mathematical Modeling (AoCMM)   May 2016 - June 2020

Worked on the operation and maintenance of the official website and holding the annual competition (including contacting sponsorship, judges, problem making, etc). I also worked as a public relation to promote AoCMM before becoming the director. AoCMM is a non-profit organization aiming to provide students all around the world a chance to learn and experience an important academic skill, math modeling.

Peer Mentor

Department of Computer Science, UW-Madison   September 2019 - May 2020, January 2021 - Present

Worked as a peer mentor for CS 540, Introduction to Artificial Intelligence in Fall 2019 and Spring 2020, and CS 537, Introduction to Operating System in Spring 2021.

Award & Certificate:

April 2018: Honorable Mention in 4th UW Math Competition.
November 2018: 9th place in ACM North Central North America Regional Programming Contest.
November 2019: 7th place in ACM North Central North America Regional Programming Contest.
August 2019: AWS Certified Cloud Practitioner.

Computer Skills:

Programming Language: C/C++, Java, MatLab, Python, R, JavaScript, SQL, PHP
Computer Programs: Microsoft office, Photoshop, Logger Pro, Vegas, Git, Linux, LaTeX, Vim, WordPress
Other: Node.js, HTML, CSS

Additional Information:

US Permanent Resident
Bilingual (English/Chinese)