YUFEI ZHANG

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EDUCATION

UNIVERSITY OF WASHINGTON — Seattle, WA

B.S. Computer Science — 2022 – Expected 2025

- **CS coursework:** Software Design & Implementation, Mathematics for Computer Science, System and Software Tools, Introduction to Computer Programming
- **Math coursework:** Linear Algebra, Discrete Mathematics, Calculus with Analytic Geometry I, II, III

EXPERIENCE

UW COLLEGE OF ENGINEERING — Seattle, WA

Full-Stack Web Developer — Feb 2023 – Present

- Worked on development of a scholarship web application serving 8000+ visitors including students, faculty, and staff of the College of Engineering and Computer Science.
- Collaborated with professional staff and peers, utilizing MySQL databases and web services for seamless project execution and an optimized user experience.

AXOS BANK — San Diego, CA

Software Engineer Intern — July 2023 – Aug 2023

Financial Business Analyst Intern — June 2022 – Sep 2022

- Won Best Capstone Project Award in an intern cohort of 40; presented to Axos Advisory Services' Executive Board.
- Engineered SQL queries for financial reporting and created data visualization dashboards with Tableau for Accounts Payables unit.
- Automated workflow for upload to Oracle using Microsoft Power Automates and presented results to the CFO.
- Used Python, Pandas, Jupyter Notebook for automated monthly Consolidated Financial Statements validation.

SAN DIEGO SUPERCOMPUTER CENTER — San Diego, CA

Software Developer & Product Owner Intern — June 2021 – Sep 2021

- Led a team of 8 developers in the design and development of a fitness social media app. Orchestrated daily sync meetings, code reviews, and debugging sessions to streamline progress.
- Presented sprint reviews to an audience of 70 interns weekly. Practiced AGILE software development methodologies.
- App features: instant messaging, friend networks, live post updates. Tech Stack: MySQL, Django, React.js

UCSD CELLULAR BIOPHOTONICS LABORATORY — San Diego, CA

Research Intern — Sep 2021 – May 2022

- Collaborated with Dr. Michael W. Berns on RPA protein repair after DNA double-strand break, automating DNA line detection through MATLAB and analyzing cell micrographs using ImageJ.
- Presented research at UCSD Symposium in May 2022; co-published paper with Dr. Berns in June 2022.

LEADERSHIP

COMPUTING COMMUNITY @ UW (PREVIOUSLY ACM: ASSOCIATION FOR COMPUTING MACHINERY) — Seattle, WA

Social Event Coordinator — June 2023 – Present

Associate Officer — Sep 2022 – May 2023

- Manage event planning committees in the largest student organization in the Allen School including research nights, social events, and mentorship programs for students and faculty.
- Co-lead the planning and execution for Computer Science department-wide social events with 480+ attendees.

STEM TO SUCCESS, NATIONAL NONPROFIT ORGANIZATION — San Diego, CA

Founder & CEO — March 2020 – August 2022

- Established Java and Scratch coding camps with 200+ students and fundraised $2000+ for the Boys & Girls Club.
- Hosted webinars to expand STEM literacy with professionals and college students with 70+ attendees.
- Received recognition for the organization through a published article in Del Mar Times Newspaper.

ADDITIONAL INFORMATION

- **Technical Skills**: Java, Typescript, React, Node.js, PHP, Django, HTML/CSS, MATLAB, SQL, Python
- **Languages**: Fluent in Chinese (Mandarin), English; Conversational Proficiency in German
- **Awards**: National Honorable Mention (2022 Issued by National Center for Women & Information Technology); Top 3% International DeepRacer Pro Division (Amazon Web Services 2021); Dean's List (2022, 2023); Won Axos Bank's Best Capstone Project Award (2022);