

Xiao Yan Chen

San Francisco, CA • miachen@stanford.edu

EDUCATION

Stanford University | Stanford, CA

Intended Bachelor of Science in Computer Science

September 2020 - Present

- Cumulative GPA: 3.7
- *Relevant Coursework:* Programming Abstractions, Computer Organization & Systems, Mathematical Foundations of Computing, Introduction to Probability for Computer Scientists, Design and Analysis of Algorithms, Web Applications (ongoing)
- *Activities & Societies:* Stanford Society of Women Engineers (Corporate Mentorship Intern 2020-2021), Stanford Women in Computer Science (Big/Little Sibling Program 2020-2021)

PROFESSIONAL EXPERIENCE

Stanford Event Registration & Ticketing Management | Stanford, CA

Customer Service and Sales Representative

September 2021 - Present

- Build and update event webpages on our ticketing website for clients
- Prepared detailed financial closing statements and reports for internal and client use
- Communicate detailed campus event and venue information effectively and consistently to customers

NextRoll | San Francisco, CA

Information Security Intern

June 2019 – August 2019

- Wrote a Python script that gathered and analyzed financial metrics from Bugcrowd, a bug bounty platform
- Created spreadsheets and charts to visualize InfoSec financial spending data in order to gain funding for the InfoSec team
- Analyzed internal company data in preparation for NextRoll to achieve SOC2 Security Compliance

University of California, San Francisco - Mikawa Lab | San Francisco, CA

Research Intern

June 2018 – August 2018

- Investigated chromosome dynamics during mitosis in human epithelial cells using cell culture and microscopy
- Designed a data analysis method to analyze range of chromosome motion in 3D space
- Presented findings at the 2018 UCSF-LSRP Research Symposium

LEADERSHIP AND EXTRACURRICULARS

Google Computer Science Summer Institute

Program Student

July 2020

- Participated in a 4-week intensive computer science summer program for high achieving students
- Completed an introductory project-based Javascript processing curriculum (p5.js) taught by Google engineers
- Created a web game as a collaborative final project & presented to Google employees and community leaders

FIRST Robotics Team 4159 | San Francisco, CA

Secretary, VP of Operations Lieutenant/Board Assistant

September 2017 - June 2020

- Led Java programming workshops and provided one-on-one mentoring to new members
- Programmed and wired electronics for robots to compete in the annual international FIRST Robotics Competition
- Organized team logistics for meetings, competitions, travel, and internal events such as our annual Pasta Dinner fundraiser

Mission Bit | San Francisco, CA

Program Student

June 2019 – July 2019

- Participated in a 6-week Android Game Design Java programming class
- Built an award-winning 3D space adventure game called “Deep Space” using the libGDX game development library with a team

SKILLS AND AWARDS

Skills: Java, Python, C++, HTML/CSS/Javascript, Python scripting, data analysis, website management, Git, Microsoft Office

Languages: English (fluent), French (conversational), Cantonese (fluent), Mandarin (conversational)

Awards: National Center for Women & Information Technology (NCWIT) Aspirations in Computing National Certificate of Distinction, NCWIT Aspirations in Computing Bay Area Affiliate Honorable Mention, Mission Bit Demo Day First Place Project, FIRST Robotics Regional Finalists, National AP Scholar, National Merit Commended Scholar, Jack Kent Cooke College Scholar