Ang Li

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EDUCATION

Arizona State University, SCAI, *Computer Science, B.S.* | Tempe, AZ | May 2026 | GPA: 3.8 / 4.0
Relevant Coursework: Data Structures and Algorithms in C++, OOP in Java, Cybersecurity with Python, Operating Systems with Linux, Computer Architecture

PROFESSIONAL EXPERIENCE

Lake Litter Solutions – *Software Lead and Developer*, EPICS, Tempe, Arizona   Jan 2023 - May 2024
Oceanus: Semi autonomous lake cleaning robot
- Facilitated and enhanced meetings with a leadership team of 5+
  - Simplified understanding of the project, increasing completed tasks by 60% translating to $5,000 of additional funding
  - Improved modularity of the software, increasing completed deliverables by 300%, translating to $7,000 of additional funding
- Led a subteam of 6 in developing and testing embedded firmware
  - Mentored 3 software developers in C/C++ on Arduino, improving team performance by 60% generating $10,000 of additional project funding
  - Accelerated onboarding of 3 new software developers by 200% through clear communication about existing team progress and expectations translating to $7,500 in added value
  - Incorporated a divide and conquer approach to path planning inspired by concepts of data structures and algorithms in python, expected to increase tasks completed by 225%
- Established positive relationships with 20+ members resulting in 29% and 25% quarter on quarter increase of participating and active software members, 24% of total members, translating to $7440 of value

Arizona State University – *Teaching Assistant, Grader*, Tempe, Arizona   Jan 2023 - May 2024
- Collaborated with a faculty supervisor and team of 21 to improve course quality and learning experience
  - Utilized Zoom to create video content simplifying complex topics with an average turnout or 30+
  - Hosted in-person events to present and explain concepts OOP, Algorithms, and Data Structures to an average of 30+ participants
- Advised 150+ software engineers on incorporating OOP, Algorithms, and Data Structures into 60+ projects using Java and C++
- Evaluated 60+ software applications weekly based on a checklist of standards and provided critical feedback improving code efficiency and readability by 77.5%

Visionary Hands – *Hardware Lead*, EPICS, Tempe, Arizona   Aug 2022 - Dec 2022
ASL Translation Gloves using C/C++ on Arduino
- Enhanced communication skills, improving relationship building capability by 183%
- Integrated advice from industry mentor, creating a growth mindset, elevating leadership capability by 300%

Personal Projects

Mission 1000 Business Project, Arizona, and California   Dec 2022 - Present
- Coordinated with a team of 200+ to host virtual and in-person events and other initiatives
  - Led a fundraising event with a team of 30 raising over $13,000 for the Power of Five charity
  - Delivered 4+ in-person presentations regarding productivity, self improvement, and work ethic with an average turnout of 40+ participants
  - Organized weekly meetings with a team of 10+ resulting in 60% increase of quarter on quarter revenue
- Conducted recruitment and selection of 10+ candidates
- Created administrative documents to keep track of budget and team member performance

Skills and Interests

Software: (*Proficient*): C++, Java, Python (*familiar*): C#, HTML, CSS, JavaScript, Matlab
Tools: Autodesk Inventor, TinkerCad
Soft Skills: Communication, Project Management, Teamwork, Customer Service, Marketing
Interests: Guitar, Self-improvement, Podcasts, Reading, Running, Weight-lifting, Group activities