

Min Aung Paing

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EDUCATION

University of California, San Diego

Bachelor of Science in Computer Science

La Jolla, CA

Sep. 2024 – Jun 2026

Pasadena City College

Associate's in Science, Engineering & Technology, Summa Cum Laude

Pasadena, CA

Jan 2022 – Jun 2024

EXPERIENCE

BreakThrough Tech AI - Fellow

UCLA

May 2024 - Present

Los Angeles, CA

- Engage in a rigorous program designed to provide in-depth knowledge and hands-on experience in ML and AI
- Develop and implement AI solutions for real-world challenges across industries, demonstrating practical applications of theoretical concepts
- Gain proficiency in data processing, model development, and deployment using Python, Pandas, and Pytorch

Mobile App Development - Intern

Pasadena City College

Apr. 2024 - Present

Pasadena, CA

- Collaborate with a team of software engineers students and UX/UI designers to create IOS and Android Apps for communication between college departments and over 20,000 students
- Assist with the SAML authentication for a robust, easy Single Sign On and secure login using custom IDP
- Development and implementation of various features using Angular and Ionic FrameWorks with Asana for project management
- Develop wireframes and UML diagrams using Figma to establish the flow around the application, as well as styling

Robotics Team PCC - Lead Software Engineer

Pasadena City College

Aug. 2023 - Present

Pasadena, CA

- Contribute to the team in building a float using a buoyancy engine utilizing Arduino and hands-on engineering knowledge while effectively communicating with the team members
- Build a radio data transmission system from scratch and implement a state machine for the float to function properly minimizing errors
- Build an underwater rover from scratch using Arduino, designing components, and programming it to be able to navigate underwater using Pygame GUI, Python, and Arduino
- Implement a double claw system ensuring better mobility and functionality of the rover for more delicate tasks

CS/Math/Writing Tutor

Pasadena City College

Aug 2022 - Present

Pasadena, CA

- Assist students who need help with Math and Computer Science by explaining algorithms and concepts
- Help over 200 students with writing Academic articles, essays, and journals to become independent writers

PROJECTS

Payroll Manager | C++, SFML

May 2018 - May 2020

- C++ Programming using data structures such as mapping, n-ary trees, priority queues, and graphs with data entry, storage, and search algorithms
- Features include employee management; users can add, remove, and update the employee information easily and each administrator has an account protecting their data
- The graphical user interface built with SFML ensures a smooth user experience

LEADERSHIP EXPERIENCES

IPL Program, Pasadena CA - International Peer Mentor

Aug. 2023 - Jun. 2024

Burmese Club, Pasadena CA - Secretary

Aug. 2023 - Jun. 2024

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, Typescript, HTML/CSS

Frameworks: React, Node.js, Ionic

Developer Tools: Git, Docker, Firebase, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Clion

Libraries: pandas, NumPy, Matplotlib, Seaborn