

# Phyu Hnin Lwin

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## EDUCATION

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### PASADENA CITY COLLEGE

Engineering & Technology A.A.

Major in Computer Science

Cumulative GPA: 3.86/4.0

Relevant Coursework: Data Structures and Algorithms; Object-Oriented Programming; Software Engineering

Pasadena, CA

Expected May 2024

### Alhambra High School

High School Diploma

Alhambra, CA

Jan 2019 - May 2022

## HACKATHON PROJECTS

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### RECYCLABLE?

Project Team Member

- Developed a machine learning-based application enabling users to recycle waste by identifying objects through a webcam image. The app provides recycling tips and directions to nearby recycling centers.
- Technologies Used: Python, OpenCV, TensorFlow, Earth911 API
- GitHub Repository: <https://github.com/phyulwin/Devpost-Funathon2022>

### GALACTIC ORIGINS

Project Lead

- Led the development of a web application that empowers users to solve physics problems and explore space-related topics. The app integrates NASA API and Wolfram Alpha knowledgebase for comprehensive solutions.
- Technologies Used: Python, Flask, HTML, CSS, NASA API, Wolfram Alpha API
- GitHub Repository: <https://github.com/phyulwin/STEMist-Hacks-2022>

### CAMP STUDY

Project Lead

- Designed and implemented a web application facilitating collaborative studying among students in an immersive campfire-themed environment. Won the Best Use of Auth0 at WaffleHacks 2022 and an Honorable Mention for Cozy Theme UI/UX out of 77 submissions.
- Technologies Used: Python, Flask, HTML, CSS, Auth0
- GitHub Repository: <https://github.com/phyulwin/WaffleHacks2022>

## ACTIVITIES

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### SHE.CODES CLUB

Inter-Club Council Representative and Treasurer

Pasadena City College

May 2023 – Present

- Contributed to the planning of hosting the NASA Space Apps Hackathon 2023, including participant recruitment and local event coordination. Manage budget planning and attend meetings for club fund disbursement.

### ASTRONOMY AND PHYSICS CLUB

Discord Manager

Pasadena City College

Sep 2022 – Feb 2023

- Scheduled events and meetings, created event reminders, and moderated the club's Discord server. Collaborated with board members to coordinate activities and made important announcements.

## ADDITIONAL

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**Technical Skills:** Proficient in C++, Java, Python, Javascript, HTML/CSS, Git (Version Control)

**Languages:** English (Fluent), Burmese (Native)

**Certifications:** Agile Software Development Course (Chegg Skills), Meta Android Developer Professional Certificate (Coursera), Harvard CS50x Introduction to Computer Science Course (edX), Python Developer Certification (freeCodeCamp)

**LinkedIn:** <https://www.linkedin.com/in/phyu-lwin/> **GitHub:** <https://github.com/phyulwin>