

# Marvin Jirapongsuwan

marvins@umich.edu | Ann Arbor, Michigan | US. Citizen

## EDUCATION

### University of Michigan

Bachelor of Science in Engineering in Computer Science  
GPA: 3.93/4.0

Ann Arbor, MI

Apr 2027

### Amnuay Silpa School

GPA: 3.94/4.0

Bangkok, Thailand

Mar 2023

## SKILLS & CERTIFICATIONS

Language	Proficient in English and Thai
Computing	Python, Lua, C++, SQL, CSS, HTML, JavaScript, MATLAB
Certificates	Google Data Analytics, AI Deep Learning Specialization, Harvard CS50
Awards	Hackathon Winning Team, ANS Scholarship, Mahidol Scholarship, Bronze Medal-ASMO
Pre-College	Harvard's CSCI S-14A Building Interactive Web Apps for Data Analysis, Cornell's CS 1610 Computing in the Arts

## WORK EXPERIENCE

### Hillel, University of Michigan

Database Support

Ann Arbor, MI

Sep 2023 - Present

- Support a database of over 87,000 records on Little Green Light (LGL) of constituent contact information, event attendees and connections.
- Clean and correct data imported from physical spreadsheets into server to minimize deviation between physical and electronic sheets to improve information facilitation between departments

### Delta Dynamics (DDX)

Web Developer

Bangkok, Thailand

Jul 2022

- Designed prototype website with complete UI/UX design and functionality for BMW in a team of 3
- Coordinated and attended personal meetings with different divisions for insight and improvement to the project
- Researched agile & scrum project methodology, implemented into group workflow to meet 2-week deadline

### Wall's Ice Cream, Unilever

Data Analyst

Phrae, Thailand

Apr 2018 - 2021

- Presented and Analyzed monthly performance data set of 4 ice cream truck routes; compiled orders into 39 graphs and bar charts for optimized route planning, and awareness of external factors
- Shadowed on-site workers' delivery through 4 routes, for each route, contains 20-30 stores and \$1k+ orders
- Researched ice cream delivery, storage and schedules for the Enterprise Resource Planning (ERP) System

## LEADERSHIP EXPERIENCE

### External Sponsorship & Finance Assistant, Thai Student Association (TSA)

Sep 2023 - Present

- Facilitated \$2800 funds of expenses and revenue, grant write-ups (\$500-\$2500), cost-analysis reports, and reimbursements

### Head of Technologies, School Interact Club (Among 3 biggest clubs; community outreach)

May 2021-2022

- Supervised 3 other members, weekly meetings with Treasurer, Finance, PR, and HR teams
- Led all media and digital work, facilitated the creation of 10+ labels & posters, and edited ~5 videos

## PROJECT EXPERIENCE

### Member of Autonomy & Business Team, MRover

Sep 2023 - Present

- Collaborated with 12 others to align Long Range Camera with ZED Camera to improve Aruco code detection and decrease detection discrepancies between Long Range Camera's lower bound and ZED Camera's upper bound
- Audited Sponsorship sheet, collaborated to send out Sponsorship packets to 20+ companies for donations, and Merchandise facilitation

### Multimedia Fundraising Project, Astromania

Aug - Dec 2022

- Merging a Website Application, a Game Application, and Content creation into one product
- Lead Developer of Website and Backend for leaderboard, collaborated with a Team of 11
- Website hosted game with 200+ plays and visits, entry costs for competitive tournament went to charity

### Heat Quantity Prediction/Analysis Website, Feel The Heat

Jul - Aug 2022

- Collaborated in a Team of 3 on Harvard Summer Class' Final Project (15 other Teams)
- Displays past, present, and future Heat Quantity data of all countries, visualized through an interactive map
- Created Backend of the Website and Video presentation to enhance user experience