Marvin Jirapongsuwan

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EDUCATION

University of Michigan	**Ann Arbor, MI**
Bachelor of Science in Engineering in Computer Science	Apr 2027

Amnuay Silpa School	**Bangkok, Thailand**
GPA: 3.94/4.0	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, Hardvard CS50
Awards	Hackathon Winning Team, ANS Scholarship, Mahidol Scholarship, Bronze Medal-ASMO

WORK EXPERIENCE

Hillel, University of Michigan	**Ann Arbor, MI**
Database Support	Sep 2023 - Present

- Supporting a database of over 87,000 records of constituent contact information, event attendees and connections
- Responsible for cleaning and correcting data imported from physical spreadsheets into server to minimize deviation between physical and electronic sheets, and improve information facilitation between departments

Delta Dynamics (DDX)	**Bangkok, Thailand**
Web Developer	Jul 2022

- Designed prototype BMW site with complete UI/UX design and functionality 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	**Phrae, Thailand**
Data Analyst	Apr 2018 - 2021

- Presented and Analyzed monthly performance data set of 4 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 30k+ baht orders
- Researched ice cream delivery, storage and schedules for the Enterprise Resource Planning (ERP) System

RELEVANT 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

Co-founder & Lead Developer, M-Studios — **Jul 2019-2023**
- 1 of 4 founders in a team of 11, co-created 5 games in 3 genres on Roblox & Unity platforms w/200+ plays
- Developed 2 websites and Edited 3 videos advertising games

Head of Video Editing Team, UNICEF Club — **May 2021-2023**
- Edited monthly videos (viewed by the whole school), coordinated with 3 other divisions (art, event, slides)

Head of Technologies, School Interact Club (Among 3 biggest clubs; community outreach) — **May 2021-2022**
- Supervised 3 other members, led all media and digital work, created ~5 labels & posters, edited ~5 videos

Multimedia Fundraising Project, Astromania — **Aug - Dec 2022**
- Merging a Website Application, a Game Application, and Content creation into one product
- Collaborated in a Team of 11, Lead Developer of Website and Backend for leaderboard
- 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
- Responsible for the Backend of the Website and Video presentation

PRE-COLLEGE CLASSES & WORKSHOPS

Harvard University Summer School, CSCI S-14A Building Interactive Web Applications for Data Analysis	**2022**
Cornell University Summer School, CS 1610 Computing in the Arts	**2021**
Harvard University, CS50 Introduction to Computer Science (edX)	**2021**
Sirindhorn International Institue of Technology (SIIT), Data Optimization Workshop	**2021**