SUPHAPON OI MAHAWONG

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EDUCATION & CERTIFICATIONS

California State University, San Marcos	**Exp:** Dec 2024
Bachelor of Science in Computer Science	

QC101 Quantum Computing & Intro to Quantum Machine Learning Certified, **Udemy**	January 2024

Jira Fundamentals Certified, **Atlassian University**	September 2023

Grossmont Community College	August 2022
Associate Degree in Computer Science	

Front End-Web Developer Certificate Program	June 2016
San Diego Continuing Education, San Diego, CA	

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, HTML, CSS, SQL, JavaScript, React, Swift, MATLAB
- **Operating System:** Window, Linux, Mac
- **Framework:** Django, IBM Qiskit, Matplotlib, Pandas
- **Software knowledge:** Agile, Scrum, Jira, git, Django, WordPress.

WORK EXPERIENCE

Research Fellow   May 2023 – Present
San Diego Zoo Wildlife Alliance Conservation Science   Escondido, CA

- Selected as one of four students for a global team collaborating with scientists, engineers, and experts to combat extinction by developing advanced observation tools and public engagement interfaces.
- Designed and executed a script to collect data from park sensors through API calls, systematically organizing the information into a CSV file for analysis and data visualization using matplotlib.
- Conducted rigorous testing and implemented updates for a machine learning package tool, utilizing Linux command line techniques to enhance its functionality and efficiency.

Web Editor   Mar 2020 – Mar 2021
Pitbull Audio   National City, CA

- Proficiently edited website content using Magento e-commerce system, ensuring seamless functionality on the backend and an enhanced user experience for customers.
- Successfully revamped and fixed HTML email templates, aligning them with the company's branding guidelines and optimizing their display across various platforms and devices.

Web Developer Intern   Jan 2019 – Mar 2020
Psycharmor Institute   San Diego, CA

- Developed custom footer and header templates using PHP, enhancing the website's visual appeal and user experience.
- Implemented Agile methodology through Jira, ensuring efficient coordination of workflows and timely project deliveries.
- Converted Bootstrap, HTML, and CSS elements to create tailored pages, employing jQuery and JavaScript to enhance functionality and interactivity.
- Designed UX/UI mockups for both affiliate and company websites, focusing on intuitive navigation and appealing visual aesthetics.
- Addressed customers' technical queries and issues in real-time through the website's chatbot.

PROJECTS

NASA Open Market Search- **NASA Space App Challenge Hackathon**   October 2023
Two intense days hackathon on a full–stack project using Django, API, CSS, HTML, UI/UX, python, and git.

- Developed an open-source market platform, facilitating collaboration between scientists and engineers on various projects.
- Demonstrated expertise in full stack development, employing Django as the web framework for content management systems, while utilizing CSS and HTML for frontend design.

ACTIVITIES

STEM Advantage Scholar   Nov 2022 – Present

- Engaged participant in a community actively sharing strategies and opportunities to support undergraduates through the organization of professional development workshops, industry career panels, and mentorship programs.