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.