

SUPHAPON OI MAHAWONG

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EDUCATION & CERTIFICATIONS

California State University, San Marcos Bachelor of Science in Computer Science Jira Fundamentals Certified, Atlassian University	Expected: May 2025
Grossmont Community College Associate Degree in Computer Science	September 2023 August 2022
Front End-Web Developer Certificate Program San Diego Continuing Education, San Diego, CA	June 2016

TECHNICAL SKILLS & Relevant Coursework

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

WORK EXPERIENCE

Student Develop SigParser	Aug 2024 - Present San Marcos, CA
<ul style="list-style-type: none">• Use Create HTML and CSS for frontend as well as UML for system design.• API Fetching: Create an API utility file to manage data requests from the company database, Google favicon, and Rapid API, storing API keys securely in .env.• Dynamic DOM Manipulation with JavaScript: Use a MutationObserver in the content script to detect LinkedIn's DOM, then insert a custom-styled div matching LinkedIn's design.	
CD Software Engineer Intern Cubic Corporation	June 2024 – Aug 2024 San Diego, CA
<ul style="list-style-type: none">• Developed an efficient automated process to deploy Android applications using PowerShell while utilizing Winget and Chocolatey; streamlined package management that enhanced deployment speed by 40% on average.• Engineered a custom BLE pairing protocol, achieving over 99% success in initial tests.• Developed a cross-platform app integrating Jira and Oracle Primavera P6, saving 200 hours monthly by automating project updates.	
Research Fellow - https://github.com/conservationtechlab/sageranger San Diego Zoo Wildlife Alliance Conservation Science	May 2023 – Jan 2024 Escondido, CA
<ul style="list-style-type: none">• Selected as one of four students for a global team collaborating with scientists, engineers, and experts to combat extinction for a global team developing tools to combat extinction alongside scientists and experts.• Extract API data in a Python script to organize 5000+ rows of park sensor data into CSV files, providing key insights that improved conservation strategies.• Tested and updated a machine learning package using Linux command line techniques to enhance functionality and efficiency.	
Web Editor Pitbull Audio	Mar 2020 – Mar 2021 National City, CA
<ul style="list-style-type: none">• 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 with the company's branding guidelines and optimizing the display across various platforms and devices.	
Software Engineer Intern Psycharmor Institute – https://github.com/oimahawong/UX-UI	Jan 2019 – Mar 2020 San Diego, CA
<ul style="list-style-type: none">• Created custom PHP templates for headers and footers, improving website design 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• Implemented real-time solutions via chatbot support addressing customer technical inquiries within an average response time of under one minute.	

PROJECT

CRUD Application - https://github.com/oimahawong/CRUDApplication
<ul style="list-style-type: none">• Engineered a CRUD application using Flask, integrating jQuery, HTML, CSS, and JSON to facilitate real-time data management; enhance user interaction by enabling instantaneous updates without page reloads.• Deployed the application serverless to an AWS S3 bucket, leveraging a virtual machine for processing. This cloud-based approach ensured scalability, cost-effectiveness, and reduced maintenance overhead.