

Tai Pham

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EXPERIENCE

Undergraduate Research, Merced — *Researcher*

05/2022 - PRESENT

Developed software for Raspberry Pi using Python, C++, and C.

Coded and verified data in accordance with specified research protocols and coding procedures, entering data into a computer database for subsequent analysis.

Utilized Amazon Web Services (AWS) IoT Core, AWS Time Stream, AWS DynamoDB, TensorFlow, machine learning, and neural networks.

Researched data processing operations and monitored proof of concept with new processes.

Halcyon Mfg, San Jose — *Information Technology Specialist*

Responsible for the installation, configuration, and maintenance of computer systems and servers.

Manage user accounts, ensure system backups are performed regularly, and handle system updates and patches.

Assist in the selection, installation, and configuration of software applications and hardware devices.

Provide training and support to end-users on how to effectively use software applications and hardware equipment.

EDUCATION

University of California, Merced — *Bachelor of Science*

08/2020 - 05/2024

GPA: 3.2

Research: Weather prediction using Neural Network

Relevant coursework: Advanced Programming, Data Structures, Discrete Mathematics, Introduction to Programming, Algorithm Design, Computer Organization, Introduction to Object-Oriented Programming, Introduction to Robotics, Circuit Theory, Intro to Computer Vision, Intro to Artificial Intelligence.

SKILLS

Leading Discussion Groups

Problem-Solving

Data Collection and Analysis

Verbal and Written
Communication

Multitasking and
Organization

Public Presentations

Analyzing and Synthesizing
Data

TensorFlow, Neural Network

MySQL, SQL, MongoDB

Python, C/C++, Java

JavaScript, HTML, CSS

JSON, jQuery, Jinja, Tailwind
CSS

React.js

Flask/Django

Restful API

QT

Vietnamese