**BRIAN PHAN**

Corvallis, Oregon – Phone: 541-360-9231 – xuanbach1307@gmail.com – https://linkedin.com/in/bach-phan-58530b1b0 – https://github.com/bachsofttrick

Detail-oriented software engineering student with strong technical skills and a background in IT support, seeking a part-time Volunteer Income Tax Assistance (VITA) Student Worker position at Oregon State University. Eager to contribute to the development, testing, and implementation of IT systems while ensuring compliance and providing exceptional client support.

**EDUCATION**

**Oregon State University** (expected) 9/ 2025

*Master of Engineering, Computer Science*Corvallis, Oregon, USA

**Ho Chi Minh University of Technology**

*Bachelor of Engineering, Electrical Engineering and Telecommunications*Ho Chi Minh

Viet Nam

**WORK EXPERIENCE**

**OSU EXTENSION SERVICE OUTDOOR SCHOOL** 9/2024 – 10/2024

Corvallis, United States – Web Assistant

* Maintenance on the portal through which school districts and teachers can access the application, reporting systems, resources for developing outdoor school programs
* Technology migration: From Umbraco 8 to Drupal 10 to improve stability, performance

**ICC INNOVATIVE CONSULTING** 11/2020 – 11/2022

Ho Chi Minh City, Vietnam – Full Stack Developer

* Maintained DMS (distribution management system), a business management solution for Business-to-business sales, used by 12 companies. Specialized in promotion/deal calculation function
* Programmed a social security app offering relief packages during COVID-19 and its delivery tracking system (An Sinh), utilized by about 9 million citizens of the city
* Assisted in the development of an eCommerce platform
* All projects are deployed with Docker onto a Kubernetes cluster

**ENGINEERING AND PRODUCTION APPLICATION SINGLE MEMBER CO., LTD (TECAPRO)** 6/2018 – 8/2018

Ho Chi Minh City, Vietnam – Intern

* Studied programming on embedded devices and Linux
* Embraced software development environment and mindset

**PROJECTS**

**OBJECT DETECTION AND MONITORING THROUGH UAV** – [Thesis](https://github.com/bachsofttrick/dronectrl-with-tracking/blob/master/thesis.pdf) - [Code](https://github.com/bachsofttrick/dronectrl-with-tracking)

* Use a custom drone for searching, identifying, and following a designated object while transmitting images to any RTSP-compatible device.

**SKILLS**

* Proficient in troubleshooting technical issues and providing timely support to end-users.
* Solid understanding of Linux distributions (Ubuntu, Debian, Fedora, Arch), Git version control, shell scripting, basic networking, and laptop repair.
* Strong knowledge of web technologies (REST API, Content Management System), database (MySQL, MongoDB), containerization, virtual machines (KVM).
* Office Skills: Proficient in Microsoft Office Suite (Word, Excel, Outlook), Data Entry
* Interpersonal Skills: Advanced Communication, Phone Etiquette
* Professional Skills: Project Management, Documentation, Self-Motivation, Independent Work Ethic.

**REFERENCES**

* **Hoang Nguyen**: Senior Software Engineer / Development Team Leader - [hoang.nguyen142536@gmail.com](mailto:hoang.nguyen142536@gmail.com) - (+84)93-416-2993
* **Hai Hoang Ho**: Senior Software Engineer - [hhhai0304@gmail.com](mailto:hhhai0304@gmail.com) - (+84)86-860-3494