**BRIAN PHAN**

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

Experienced software engineer with a robust background in Linux systems and web technologies. Proven expertise in maintaining and developing complex systems, including inventory systems and applications for large-scale use. Exploring projects that align with personal interests and passions. Committed to continuous learning and development.

**EDUCATION**

**Oregon State University** (expected) 6/2026

*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

* Supported website content updates, maintaining consistency and clarity across pages.
* Collaborated with team members to process content and image submissions.
* Organized files and contributed to documentation efforts for site management.

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

Ho Chi Minh City, Vietnam – Full Stack Developer

* Collaborated on development teams to design and deploy full-stack web applications.
* Managed timelines, deadlines, and client deliverables using Agile methodologies.
* Produced documentation, reports, and spreadsheets to support team operations.

**PROJECTS**

**REVERSI: MINIMAX VS MONTE CARLO** –[Code](https://github.com/bachsofttrick/reversi-ai531)

* Compare performance of two algorithms against several games of Reversi, varying in board size, tree depth, iteration count, using multithreading.

**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**

* Comfortable managing deadlines and timelines across concurrent projects.
* Capable of working independently and with teams on long- and short-term tasks.
* Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)
* Experience with data entry and maintaining databases.
* Effective verbal and written communicator with attention to detail.
* Multilingual: English, Vietnamese
* Experience with digitization of files and information management systems.