Khoa Xuan Nguyen

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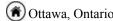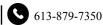
PROFESSIONAL EXPERIENCE

Ideal Roofing (Ottawa, Ontario, CAN)   *June 2025 - September 2025*
Operator Assistant (Seasonal, Full-time)
- Assisted machine operators with setup, operation, and maintenance of equipment, helping ensure efficient workflows and minimizing downtime
- Followed safety protocols at all times, reducing risk of injury and ensuring compliance with company standards
- Assisted in measuring, cutting, and fitting roofing materials according to customers' order specifications
- Capable of handling and operating a wide range of working tools effectively and safely
- Accomplished over hundreds of orders with high level of perfection

Uber Eat (Ottawa, Ontario, CAN)   *July 2025 - Present*
Delivery Service (Part-time)
- Delivered food, packages, and alcohol orders accurately and on time, ensuring excellent customer service
- Provided "Shop & Deliver" service: purchasing items on behalf of customers and delivering directly to their location
- Completed 900+ deliveries with 93% satisfaction rating

BlackBerry QNX (Kanata, Ontario, CAN)   *May 2022 – Dec 2022*
Software Developer (Co-op/Internship, Full-time)
- Focused on Unix, Linux OS, Bash scripting, Python scripting, and C programming
- Tested compatibility of over 300 GNU commands and their flags in BlackBerry's QNX OS
- Performed bug testing on 40+ "verification" JIRA tickets and resolved over 20 JIRA bug tickets from testers and BlackBerry customers
- Developed Python log parser to extract and convert data from over 250,000 test logs on internal report server database into easily readable format

APPLIED PROJECTS

Twitch-inspired Streaming Simulator (Personal Project)   *January 2025*
- Developed a Twitch-inspired streaming simulator featuring a fully interactive UI with simulated viewers and dynamic chat interactions
- Implemented screen sharing and YouTube embed support, enhancing the realism of the streaming experience
- Designed an extensive chat control system with multiple commands, allowing for customizable viewer behavior and moderation

Interactive Ubuntu Terminal Simulator (Personal Project)   *October 2024*
- Developed a fully functional Ubuntu terminal simulator with JavaScript, HTML, and CSS, featuring a dynamic GUI and realistic command-line behavior for an intuitive user experience
- Implemented over 10 commonly used Unix commands, providing natural behavior and functionality consistent with an authentic terminal, enhancing the realism of the simulation

EDUCATION

Carleton University, Ottawa   *September 2019 – May 2024*
Bachelor of Computer Science (Honours)
- Discrete Structure, Web Applications, Computer System Security, and Distributed OS
- Python, Java, C, C++, BASH, Shell, HTML, CSS, JavaScript, MatLab, Lisp, SQL

SKILLS

Languages: proficient in Vietnamese, English
Misc: driving (G licencse), trade skills, programming skills