

Nicholas Chan

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TECHNICAL SKILLS

Languages: Python, JavaScript, C++, Bash, SQL, HTML/CSS, R
Frameworks: React, Bootstrap, Material UI, Node.js, Express, Flask, Django
Libraries: Pandas, NumPy, Selenium, Raylib
Developer Tools: MongoDB, Firebase, Insomnia, AWS, CMake, Git, Github, Vim, VS Code

EXPERIENCE

System Administrator May 2024 – Dec. 2024
BC Cancer Research Institute, Genome Sciences Centre Vancouver, BC

- Developed a Node.js-based web interface for an internal PostgreSQL purchasing database used by 300+ users.
- Optimized account creation and management process by over 50% with Python and Unix scripts.
- Managed and automated organization of Active Directory and LDAP administration systems.
- Provided technical support for bioinformatics and development workflows, troubleshooting R and Python issues.

Website Developer Oct. 2023 – Jan. 2024
AumOwi Burnaby, BC

- Developed a Shopify ecommerce website with community-focused features, including a blog and events page.
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

PROJECTS

Project A | C++, Raylib

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Project B | Python, Tkinter, NumPy

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Project A | C++, Raylib

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Project B | Python, Tkinter, NumPy

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EDUCATION

Simon Fraser University Burnaby, BC
Bachelor of Science (BSc.) in Computer Science Expected Graduation: Apr. 2027

- Relevant Coursework: Artificial Intelligence, Computer Systems, Multimedia Systems
- Awards: President's Honour Roll, Dean's Honour Roll, Tadeusz Specht Memorial Scholarship