

Nathan Nguyen

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EDUCATION

University of Manitoba

Bachelor of Science in Computer Science

- Specializing in Software Development and Human Computer Interaction

August 2019 – Present

Winnipeg, MB

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, noSQL, JavaScript, HTML, CSS/SASS

Frameworks: React, Node.js, Flask, JUnit

Developer Tools: Git, VS Code, Visual Studio, IntelliJ

Extra Tools: Photoshop, Illustrator, Figma

EXPERIENCE

Grade 11 and 12 Math Tutor

TutorBright

- Tutor pre-calculus and 40S, and help preparing for provincial Math exam and pre-university

April 2023 – Present

Winnipeg, MB

Math and Computer Science Tutor

Paper

- Remotely tutor Math and Computer Science (Java, Python, JavaScript) to 1-12 students across North America

December 2021 - December 2022

Remote

Teaching Assistant

University of Winnipeg

- Lab instructor for Math courses

January 2022 - August 2022

Winnipeg, MB

Computer Science Grader

University of Manitoba

- Grade and evaluate students' tests and assignments

January 2022 - May 2022

Winnipeg, MB

Graphic Designer

Freelance

- Design logos, banners, posters, etc.

December 2016 - August 2018

Remote

PROJECTS

PantryPro | *Android Studio (Java), JUnit, Espresso*

- Developed a fully functional Android app for Google Pixel Tablet
- Learnt to manage the project through version control on Gitlab
- Learnt to write automated system test with Espresso

January 2024 – March 2024

PantryPro Website | *HTML, CSS, JavaScript, JQuery, Bootstrap*

- Developed a promotion website for PantryPro app
- Utilized Bootstrap for designing front-end

March 2024 – April 2024

Winnipeg Bus Lookup | *HTML, CSS, Python, Flask*

- Establishes a comprehensive database for accessing Winnipeg bus schedules and weather information in the past, giving valuable insights into the impact of the weather on public transportation efficiency in Winnipeg
- Learnt implement a database with SQLServer

August 2023 – November 2023

Files Organizer | *Python*

- Developed a python script that organizes files in a folder, putting them into sub-folders based on their extensions

April 2023

CV Generator | *HTML, CSS, JavaScript*

- Developed a website that generates a resume
- Used pure JavaScript as back-end

September 2023 – October 2023