

# Quan Nguyen

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## TECHNICAL SKILLS

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**Programming Languages:** Java, JavaScript, Typescript, HTML/CSS, Python, C++, MySQL

**Frameworks:** React, Node.js, Java Spring, AWS, JUnit, Jupyter

**Libraries:** Panda, NumPy, PyTorch, Matplotlib, OpenCV, Kornia, NLTK, TensorFlow

**Others:** Azure Cloud Services, PostgreSQL, SQL Server, Restful APIs, Docker, Apache (XAMPP)

## EDUCATION

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### Concordia University

Bachelor of Computer Science (BCompSc)

Sep 2019 – Dec 2023

Montreal, QC

- Relevant Courses: Data Structure and Algorithm, Database, Operating System, UI/UX Designs, Object Oriented Programming, Software Design, Computer Architecture, Data Analytics, Formal Methods.

## WORK EXPERIENCE

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### Web Developer

[Vanntechns Web Studio](#)

May 2020 – April 2021

Montreal, QC

- Accomplished a deep understanding of **WordPress** and **WooCommerce**, with plugin integration by completing 4 WordPress website projects during the time I worked there.
- Worked as a **business analyst** to communicate what clients need and require, with the outsourcing team located in India, the Philippines, and Dominican Republic.
- Keep track of the project timeline and update the company's internal **Trello board** and the client's **Trello board**.
- Kept track of client's communication and emails by the company **Bitrix24 CRM software**.
- Developed a comprehensive test case for a full-stack web application.
- Projects which I completed: <https://darchisystems.com/> , [https://huongxua-anjou.com/fr\\_ca/](https://huongxua-anjou.com/fr_ca/) .

## PROJECTS

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### ImageBot | *JavaScript, JSON, REST API, HTML/CSS, Node.js*

Feb 2022

- Generated a bot that responds to a specific command with keyword triggers by sending corresponding images.
- Implemented image retrieval and delivery functionality, enabling the bot to quickly respond with an image upon user request.

### Warzone Game | *C++*

Sep 2021

- School team project to create a variation of the Risk computer game in C++.
- The project's functionality is based on the game called "Warzone". A game consists of a connected graph map representing a world map. Two or more players can play by placing armies on countries they own or wish to attack.

### Personal Portfolio | *React, JavaScript, HTML/CSS*

May 2022

- Designed a personal website showcasing my personal experience using React, JavaScript, and HTML/CSS.
- Created and formatted both animated and non-animated components to enhance user experience.
- Implemented media queries to ensure proper front-end layout and usage scenarios.

### Server Client Database | *Python*

Sep 2022

- Developed a small database server with Python.
- Implemented a SocketServer class in its standard libraries for concurrency and thread control.
- Send requests (just a text string) to the server and ask for the specific task to be performed, such as: Find, add, delete a customer, update the customer's age, address, phone number, etc.

