

Johnny Dang

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Montreal, QC, Canada

SKILLS & QUALIFICATIONS

Programming Skills: Java | HTML | CSS | JavaScript | Python | TypeScript

Frameworks: React | Angular | Node.js | Bootstrap 5.0 | NextJS | TailwindCSS | DaisyUI | Java Spring | Mockito

Platforms & Applications: Eclipse IDE | Visual Studio Code | IntelliJ | Jupyter | Git | Microsoft Office 365 | Figma | MongoDB | Maven

Languages: French | English | Teo Chew | Vietnamese

Others: Azure DevOps | Agile Methodology (SCRUM) | Windows & IOS

EDUCATION

Bachelor of Engineering – Software Engineering CO-OP | Concordia University | Montreal

2022 - 2026

- **GPA: 3.68 & CO-OP Mentor**
- **Scholarship:** Normand Hebert ES ENCS

Relevant Coursework: Object-Oriented Programming, Web programming, Data Structures and Algorithms, Operating System

EXPERIENCE

Intact Insurance | Software Developer Intern | Montreal

SEPT – DEC 2024

- Refactored and optimized backend code using **IntelliJ** and **Java/Spring**, improving system performance and scalability.
- Developed and executed unit tests with **Mockito** and **JUnit**, ensuring reliability for data feeds processing **15,000 policies**.
- Resolved important bugs and implemented new features in the ContactPL system, enhancing functionality used by **2,308 brokers**.

Genetec | Software Developer Intern | Montreal

SEPT – DEC 2023

- Developed new **UI Components library** using **React**, **Angular**, and **Vue**, expanding Genetec's first design system (Gelato) capabilities.
- Reduced bugs by **30%** within existing **Web Components** by conducting regular maintenance and testing.
- Optimized the codebase reducing **user search time** by **60%** when locating specific web components in different frameworks.
- Collaborated in **peer code reviews** as a mean of gathering feedback and improving existing components.

McHacks 10 – Hackathon | McGill University | [Devpost](#)

JAN 2023

- Collaborated with a team of **4 developers** to create Radishes&Failures, an innovative **feature** to Radish Cooperative's website. This addition strategically targeted and attracted a younger demographic, contributing to **increased platform engagement**.
- Implemented a **Python** program for **image processing**, scanning failed class transcripts to generate and display personalized discount codes.
- Developed the front-end of the application employing **HTML**, **CSS**, **JavaScript**, and **React** to create visually appealing and user-friendly interface.
- Gained recognition from **CEO** for proposing and implementing an innovative project: "Great work and a really great idea! Definitely an idea I'd love to see become a reality on Radish one day!" – CEO at Radish.

ConUHacks VII – Hackathon | Concordia University

JAN 2023

- Led a team of **4 developers** to create **FreePark**, a web-based application to streamline the search for free parking areas in Montreal, improving mobility for users.
- Developed the application's front-end using **HTML** and **CSS**, ensuring a seamless user experience.
- Implemented **Google Maps API** for the first time to improve the application's functionality.
- Incorporated **Git** for version control, fostering collaborative and efficient code management practices within the team.

LEADERSHIP

Vice-President of Technology & Design – HackConcordia | Concordia University | [ConUHacks](#)

MAY 2024 – PRESENT

- Led the Tech team of **6 developers** to design, build, and manage the infrastructure for **ConUHacks 2025**.
- Designed and developed a scalable registration application supporting over **2,000 applicants** using **Next.js** and **MongoDB**.
- Designed and built the **ConUHacks website**, leveraging **Figma** for UI/UX and **Next.js** with **Framer Motion** for interactive elements.
- Set a club record with over **180 project** submissions on Devpost.

PROJECTS

Car Rental Application | Personal & Concordia University | [GitHub](#)

JAN – APR 2024

- Led a team of **6 members** in the development of a **Full-Stack Web Application** using **NextJS** and **MongoDB**.
- Implemented robust **CRUD** operations for the Reservation System, enabling efficient management and display of user data with **TypeScript**.
- Designed and developed the **Front-End** of the Home Page, leveraging **React Components** and **DaisyUI** library for a visually appealing interface.
- Created a **user-friendly** View Page for available vehicles, employing **React Components/Hooks** to enhance navigation and information accessibility.

Pet Adoption Website | Personal & Concordia University | [Website](#)

JAN – MAY 2023

- Developed a pet adoption website using **HTML**, **CSS**, and **JavaScript**.
- Leveraged **JavaScript** functions and event handlers to implement **dynamic** and interactive features on the website.
- Incorporated external **CSS Tools**, such as **Google Fonts**, **Font Awesome**, and **Bootstrap 5.0** to enhance the **design** of the website.

Ladder and Snake Game | Personal & Concordia University | [GitHub](#)

JAN 2023

- Designed and developed a Ladder and Snake game using **Java**, demonstrating proficiency in **object-oriented programming principles**.
- Reduced the testing time by **40%** by improving multiple binding methods, making the code easy to manipulate, and increasing **efficiency**.
- Enhanced **game visual appearance** by displaying a simple graphical representation of the game.
- Implemented game interaction for users using the **GUI**.