Johnny Dang

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SKILLS & QUALIFICATIONS

Programming Skills│Java • Html • CSS • JavaScript • Python • TypeScript
Frameworks| React • Angular • Node.js • Vue (Beginner) • Bootstrap 5.0 • NextJS • TailwindCSS • DaisyUI
Platforms & Applications│ Eclipse IDE • Visual Studio Code • IntelliJ • Jupyter • GitHub • Microsoft Office 365 • MongoDB
Languages │ French • English • Teo Chew • Vietnamese
Others │Azure DevOps • Agile Methodology (SCRUM) • Microsoft & IOS

EDUCATION

Bachelor of Engineering – Software Engineering CO-OP | Concordia University | Montreal   **2022 - 2026 (Expected)**
- **GPA**: 3.68 & **CO-OP Mentor**
- **Scholarship**: Normand Hebert ES ENCS
- **Relevant Coursework**: Object-Oriented Programming, Web programming, Data Structures and Algorithms, Operating System

DEC – Health Science │ **Collège de Bois-de-Boulogne | Montreal**   **2019 – 2022**

EXPERIENCE

Front-End Developer Intern – UX Team | Genetec | Montreal   **SEPT 2023 – DEC 2023**
- Developed new **UI Components library** using **React**, **Angular**, and **Vue**, expanding Genetec's first design system (Gelato) capabilities.
- Reduced bugs within existing **Web Components** by conducting regular maintenance and testing.
- Optimized the codebase which **reduced user search time** by **60%** when locating specific web components in different frameworks, **enhancing** overall **productivity**.
- Participated in UX discussions, working to deliver components that prioritize **high usability** and enhance **user experience.**
- Collaborated in **peer code reviews** as a mean of gathering feedback and improving existing components.

McHacks 10 – Hackathon | McGill University | Montreal | Devpost   **JAN 2023**
- Collaborated with a team of **4 people** 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 a 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 | Montreal   **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.

Clerk | Shoppers Drug Mart | Montreal   **MAY 2021 – AUG 2022**
- Performed various administrative tasks to support smooth operations.
- Assisted the onboarding process of over **3 new employees** by providing guidance and support to ensure their integration into the team.
- Collaborated with team members to develop and implement process improvements to increase **efficiency** and **productivity**.

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 **50%** 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 by enabling users to roll the dice and make moves using the **GUI**.

CERTIFICATIONS

Excel Training Certificate | Concordia

DevOps, CI/CD Certificate, Git & Github Crash Course Certificate | Udemy