

David Nguyen

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Proactive and resourceful intern computer science student with a background in web development and a desire to learn and grow in a fast-paced tech environment. Strong team player with excellent communication skills and a focus on delivering efficient and scalable solutions.

Education

University of Ottawa

Honors Bachelor of Science in Computer Science

Ottawa, Ontario

Sep 2021 - Present

- Expected graduation date: December 2025
- Relevant courses: Computer Architecture, Data Structures and Algorithm, Design Analysis Algorithms, Programming Language Concepts, Database I, Operating Systems

Work Experience

Deloitte

Ottawa, Ontario

Android Developer (Co-op)

Jan 2024 - Apr 2024

- Developed and implemented critical updates for a mobile application, ensuring enhanced performance and reliability
- Implemented automated reporting scripts using **PowerShell** for Windows and **Bash** for Linux, culminating in 80% of reduction of manual work time required for generating processes.
- Utilized Git version control system to manage code base effectively.

Projects

Student Course Booking App | [GitHub Project](#)

Oct 2022 - Dec 2022

- Collaborated with a team utilizing **Java** on **Android Studio** to design a user-friendly mobile interface, with SQLite managing the backend processes for efficient course bookings.
- Orchestrated the integration of comprehensive data validation techniques, resulting in a 15% decrease in user input errors.
- Used git as the main version of software to control all the codes and submission of members.

Weather Forecast Application | [GitHub Project](#)

Mar 2024 - Apr 2024

- Built a full-stack weather app using **React**, **Node.js**, and **Express.js**, fetching 5-day forecasts from Weather API
- Created a dynamic, responsive UI with React and React-Bootstrap, enabling seamless city search and detailed weather displays.
- Developed a secure backend with **Node.js** and **Express.js** for handling API requests and data processing, ensuring efficient front-end and Weather API communication.

Dealership Review Platform | [GitHub Project](#)

Apr 2024 - May 2024

- Implement a dealership review platform using **Django** and **React** to let users browse car dealers, read/write reviews, and handle user authentication, enhancing user interaction and engagement.
- Developed backend services with **Node.js** and **MongoDB**, containerized with Docker, to efficiently manage dealer and review data, ensuring scalability and reliable data management.
- Deployed a sentiment analysis service on IBM Cloud Code Engine, integrating CI/CD pipelines for seamless continuous integration and delivery, and hosted the application on **Kubernetes** for robust and scalable deployment.

Skills

Programming Languages: Java, Python, C/C++, HTML, CSS, JavaScript, Bash, PowerShell

Libraries & Frameworks: Django, Bootstrap, React, Node.js, Angular, .NET, JEE, Tkinter, Android Studio

Tools & Technologies: MySQL, SQLite, MongoDB, Docker, Kubernetes, GitHub/Bitbucket, Jira, VScode, REST API

Operating Systems: Linux, Windows

Soft Skills: Problem-solving, Analytical Thinking, Attention to Detail, Adaptability, Teamwork