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	**Ottawa, Ontario**
Honors Bachelor of Science in Computer Science	**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% reduction of manual work time required for generating processes
- Utilized Git version control system to manage code base effectively

Projects

Student Course Booking App	**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

E-Hotels Booking	**Jan 2023 - Apr 2023**

- Developed a user-friendly GUI using **Tkinter**, leading to a positive feedback rate of 90% during class demonstrations
- Incorporated MySQL for managing room availability and customer data, which reduced data retrieval times by 30%
- Integrated a basic payment gateway simulation with the **MySQL** database, processing over 70 simulated transactions without errors during testing

Weather Forecast Application	**Jul 2023 - Aug 2023**

- Built a full-stack weather app using **React**, **Node.js**, and **Express.js**, fetching 5-day forecasts from WeatherAPI
- 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 WeatherAPI communication

Skills

Programming Languages: Java, Python, C/C++, HTML, CSS, JavaScript, Bash, PowerShell
Libraries & Frameworks: Django, Bootstrap, React, Nodejs, Angular, .NET, JEE, Tkinter, Android Studio
Tools: MySQL, SQLite, Jira, GitHub, GitLab, Agile, MongoDB, VScode
Operating Systems: Linux, Windows
Soft Skills: Problem-solving, Analytical Thinking, Attention to Detail, Adaptability, Teamwork