Neeraj **Bansal**

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Education

Algonquin College of Arts and Technology   *Ottawa, Canada*
Computer Engineering Technology – Computing Science   *May. 2021 – Dec. 2023*
- Dean's Honours List; Major CGPA: (3.77/4.0)
- **Relevant Coursework:** Real-time OS, Operating Systems (**Linux**), **OOP Software Engineering (Java, Python, C, and C++)**, **Networking**, Data Structures and Algorithms, Web Dev, Database Management Systems, Compilers, Numerical Computing.

Skills and Technologies

- **Languages:** C++ • C • **Python** • JavaScript • Java • HTML • PHP • R • Dart.
- **Frontend:** Angular • CSS • SCSS • Bootstrap • Flutter.
- **Backend:** **JSON** • C# • ASP .NET • Node.js • MySQL • PostgreSQL • Selenium • Firebase.
- **Others:** Jira • Confluence • Visual Studio • Postman • Microsoft Azure • Linux • Socket Programming • Figma • **Bash Scripting**.

Experience

Canadian Ski Patrol   *Ottawa, Canada*
STUDENT.   *May. 2023 - Dec. 2023*
- Developed a desktop application for managing events, inventory, volunteer shifts or users, and marking points for emergencies.
- Collaborated with First-Aid Heroes group in developing the application using .NET, Flutter Framework, and Firebase database.
- Our project received significant recognition by winning 3rd prize in RE/Action at Algonquin College of Arts and Technology.

Qarrot   *Montreal, Canada*
SOFTWARE DEVELOPMENT INTERN. QARROT.   *Jan. 2023 - Apr. 2023*
- Developed a cutting-edge web and mobile application within the Microsoft Teams environment, leveraging advanced technologies such as Angular and Typescript.
- Demonstrated expertise in performing comprehensive Component and End-to-End testing using Cypress and Angular testing frameworks, ensuring high-quality and bug-free software.
- Collaborated closely with senior developers to actively contribute to the maintenance and enhancement of Qarrot's services and applications, fostering a collaborative and efficient development environment.

Ciena Corporation   *Ottawa, Canada*
SOFTWARE AND LAB INFRASCTURE INTERN (D.O.E. TEAM). CIENA.   *May. 2022 - Aug. 2022*
- Orchestrated automation tool using Selenium framework and Python script to analyze users and their technical support groups and recommend product learning modules based on this criterion.
- Employed best coding practices to develop and deploy Ciena internal web tools and microservices used by various engineers and lab technicians using JavaScript, and Typescript.
- Collaborated with Network Analysts and Embedded Software Engineers to configure, provision, and debug packet-network systems, lab kits, optical measurements, and wave servers for Ciena's big market customers with over 2,000,000+ consumers.

Projects

Digital Marketing   *Ongoing*
TOOLS: Angular, TypeScript, JavaScript, JSON, AJAX, CSS, HTML, Heroku,
- Introducing an e-commerce Angular web application for stocks and crypto-currency traders that prints real-time prices of stocks and crypto-currency.
- Scaled the backend service API with HTTP methods (POST, GET, PUT, DELETE) using JavaScript and deployed it on Heroku's Platform as a service cloud (PaaS).

Extracurricular Activities/Interests

TECH CLUBS (GOOGLE DEVELOPER STUDENT CLUBS, CS CAREERS) • VOLUNTEER • GYM • MUSIC