

# AANAND AMAN

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**GitHub:** <https://github.com/Aanand058>

## OBJECTIVE

I am looking for a coop position where I can put my knowledge and talents to use while gaining significant experience in the IT field. I am an ambitious and hardworking person with a good foundation in IT. I have faith in my capacity to pick up new skills fast and adapt to new technologies, and I am dedicated to steadily increasing my technical expertise. I have good communication and problem-solving abilities, which prepares me to work cooperatively with clients and team members to resolve technical issues. As a co-op in the IT industry, I am thrilled about the chance to help a progressive business succeed.

## TECHNICAL SKILLS

Programming Language	C, C++, Python, JavaScript
Database Management	Oracle12c, SQL Developer, MongoDB
Design and IDE Tools	MS Visual Studio, Visual Studio Code, MS Office, GitHub,
Operating Systems	Windows, UNIX/Linux, Macintosh
Web Development	JavaScript, CSS3, HTML5, Node.js, Express.js, AJAX, APIs, NPM, React.js

## EDUCATION

- Advance Diploma May 2022-Present  
**Computer Programming and Analysis**  
Seneca College  
Markham, ON

## PROJECTS

### Valet Parking Application (C++)

- Developed and implemented a valet parking application to improve customer experience and streamline parking operations in C++ with accordance of OOP.
- Accurate in maintaining and keeping track of vehicles in a parking lot.
- Application included with towing services after the end of the day.

### **Employee Management Application (C++, SQL Database)**

- Successfully completed a project for employee management using C++ and SQL database.
- Developed and implemented a system for storing, retrieving, analyzing, updating, and deleting employee information.

### **Personal Portfolio Website (HTML, CSS) :** <https://personal-portfolio-website-pi.vercel.app/>

- Developed a personal portfolio website to showcase professional skills and experiences.
- Experience with version control software such as Git to manage source code and collaborate with other developers.

### **BlogPage-Web-App:** <https://drab-ruby-caterpillar-tux.cyclic.app/blog>

- Developed a full-stack web application for creating, updating, and deleting blog posts, utilizing Node.js and Express.js for the backend.
- Implemented secure user authentication and authorization using client-sessions middleware, allowing for user registration and login functionality with password hashing and session management.
- Integrated Cloudinary for efficient cloud-based image storage, enabling users to upload and manage images associated with their blog posts.

### **Assembly Line Simulation (C++)**

- Implemented error handling and robust exception handling mechanisms to ensure the reliability of the assembly line simulation.
- Leveraged STL algorithms to reorder workstations efficiently within the assembly line, improving simulation performance.
- Demonstrated proficiency in C++ programming and object-oriented design principles.

### **Library Application (C++)**

- Implemented essential functionalities, including date management, menu generation, and data processing, to enhance the application's usability and efficiency.
- Implemented robust data processing mechanisms, enabling efficient handling and manipulation of library-related information within the application.

## **INTERESTS & ACTIVITIES**

- Reading Sci-Fi Books
- Listening Classical and Instrumental Music
- Exercise
- Programming
- Astronomy
- Table Tennis