PARAS SINGH

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Github- ./paras singh/data-dude   LinkedIn-./PARAS SINGH/LINKEDIN

OBJECTIVE

Highly motivated and results-oriented college student seeking a challenging IT co-op position to gain practical experience applying my technical skills in a professional environment. Eager to learn from experienced professionals and contribute to real-world IT projects.

SKILLS

❖ **Programming Languages**	C, C++, Python
❖ **Web Development**	CSS3, HTML5, JavaScript
❖ **Database Management System**	Experience in MySQL, Oracle 12c
❖ **Version Control**	Proficient in using GitHub
❖ **Microsoft Office**	Skilled in Excel, Word, PP and Outlook
❖ **Operating System**	knowledge in Windows and Linux/Unix OS
❖ **IDE Tools**	MS Visual Studio, MS Visual Code

EDUCATION

- ❖ Seneca Polytechnic College - **Computer Programming and Analysis**,
- ❖ CGPA-3.4(2024), TermGPA-3.5(winter2024)

PROJECTS:-

Weather app- live-link

- Built weather app using HTML, CSS, and JavaScript to fetch real-time weather data via API.
- Leveraged Amazon Web Services (AWS) to host my web application online. This involved setting up an EC2 instance, a virtual server in the cloud, to make the app accessible over the internet.
- While my understanding of AWS is still growing, I gained valuable experience in deploying a web application to a cloud platform.
- Leverage APIs to access and integrate external data into my application.

- ❖ **C++ Projects**
  - Proficient in allocating and deallocating memory to prevent memory leaks and improve application performance, achieved, working through a range of real-world applications.
  - Utilized the principles of encapsulation, inheritance, and polymorphism to create well-structured, reusable, and maintainable code.
  - Committed to continuous learning and expanding C++ knowledge.
  - Showcasing proficiency in OOP, data structures, and algorithms optimizations.

- ❖ **Projects Using HTML-CSS-JS,c,c++ Python-github profile**
  - Made project based on binary search using python language.
  - Projects based on frontend web development html, CSS, JavaScript.
  - Comprehensive projects based on C++ languages covering major concepts in object-oriented programming (OOP).

WORK EXPERIENCE

- ❖ **Perfect Computers (INDIA)- Institute for learning programming)** *(July2022 – june2023)*

  Position – Teaching Assistant (TA)
  - Programming Expertise: (web development- html, CSS, JavaScript. Programming languages -c, C++, python)
  - Supported instructors by developing assignments, labs, quizzes, and providing constructive feedback to students.
  - Provided one-on-one and small group support during office hours, offering personalized help, and fostering a positive learning environment.
  - Ability to explain complex concepts clearly and concisely, fostering a positive learning environment where students feel comfortable asking questions.

INTERESTS AND ACTIVITIES

- ❖ **Linked Content Creation:**
  - Passionate about staying current with emerging technologies.
  - Deeply interested in the potential of Web3 technologies.
  - Actively share insights and discussions on the latest Web3 advancements through engaging LinkedIn posts.