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EXPERIENCE

Software Researcher – Solar Panel Project (ARIES Centennial College | May 2023 – August 2023)

- Data collection and research on Solar Irradiance and Power, gathering formula and recourses.
- Implementing functions and algorithms from collected data using Python, JavaScript to perform calculation in Solar PV Efficiency.
- Review and propose suggestion, improvement for client to form new business in Solar PV System Designing.

Programming Tutoring and Peer Support (Centennial College | Sept 2022 – Now)

- Proficient in tutoring and providing academic assistance to fellow students in math, C#, and JavaScript programming.
- Ability to explain complex concepts in a clear and accessible manner.
- Motivating and encouraging peers to excel in their studies.
- Foster a supportive and collaborative learning environment to facilitate effective knowledge-sharing and understanding.

Electronics Technician (Fortress Technology | Nov 2021 – July 2022)

- Assembly, testing, and calibration of metal detectors for accurate and reliable performance.
- Conducting quality assurance checks, ensuring defect-free metal detectors for customer satisfaction.

EDUCATION

Software Engineering Technology (Centennial College | Sept 2022 - Now)

GPA: 4.4 / 4.5

Toronto, ON, Canada

Electronics Engineering Technology (Seneca College | May 2018 – Dec 2020)

GPA: 3.5 / 4

Toronto, ON, Canada

Programming Skills

Programming Languages:	Python, Java, C#, HTML, CSS, JavaScript, Typescript
Database:	Oracle SQL, MySQL, MongoDB
Frameworks:	Spring MVC, React, Angular, Flask, Node.js, Next.js, Express.js
CSS Framework:	Bootstrap, Tailwind
Version Control:	Git

Projects And Activities

Team Project: Online Survey Website with Angular and MongoDB

- Took on the role of Lead Engineer in a group project, guiding the team in the development of an Online Survey Website using Angular and MongoDB.
- Led the successful implementation of technical solutions and ensured seamless integration of Angular and MongoDB for a robust and user-friendly website.

Project: Employee Management System with EJS and Oracle SQL

- Utilized EJS to create dynamic user interfaces for the Employee Management System, enhancing user experience.
- Demonstrated expertise in Oracle SQL, effectively managing databases for efficient data storage and retrieval

Project: Discord Bot using OpenAI API

- Created a Q&A Discord Bot leveraging the OpenAI API for intelligent and interactive question answering.
- Utilized advanced natural language processing to provide accurate and contextually relevant responses to user queries.

LeetCode Problem Solving

- Consistently devoted time to LeetCode practice, improving problem-solving skills and coding proficiency.
- Engaged in solving diverse coding challenges and algorithms to enhance software development capabilities.

Hackathons

- Took part in prestigious hackathons like "Hack the North" school, clubs and online hackathons.
- Demonstrated strong teamwork, creativity, and problem-solving abilities to develop innovative software projects under time pressure.