

Nikhil Aji

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About me

Bachelor of Computer Science student with hands on experience in Hardware and software. Currently conducting research on Big Data, with strong interest in data management.

Education

Conestoga College, Bachelor of Computer Science

Sept 2024 – May 2027

- **Coursework:** Introduction to Database system, Data Structures and Algorithms, Systems Analysis and Design

Projects

UniTime

[GitHub link](#)

- Uni Time is a productivity application designed to help students and job seekers manage their assignments and job applications efficiently.
- Tools Used: Python, SQLite, bcrypt, PyQt6, Qt Designer

Drive Aware

[GitHub link](#)

- In collaboration with a team of classmates, we developed Drive Aware a mobile application that tracks driving behavior by recording speed, location, and time. The app features a cognitive readiness test before each drive and calculates a driving score out of 100, deducting points for exceeding speed limits. Users can view their driving statistics on a dashboard, helping them monitor and improve their driving habits.
- Tools used: JavaScript, React Native, Python, Flask, SQLite

Professional Development

JMeter: Performance and Load Testing(November 2024): Completed through LinkedIn Learning, gaining an understanding of JMeter and load testing methodologies.

Google IT Support Specialization (July 2023): Completed a 149-hour online program covering cybersecurity, cryptography, troubleshooting, and customer assistance.

Programming in C (February 2023): Completed a two-month course covering the foundations of the C programming language.

Technologies

Languages: C, C++, C#, Python, JavaScript, HTML, SQL, SQLite

Technologies: React Native, Tkinter, Git, Azure Boards, MS Office 365, Windows, Linux, macOS

Hardware Skills: Assembling and upgrading computer systems, Installing and configuring hardware components, Diagnosing and troubleshooting hardware issues

Experience

Data Analyst (Remote) - CO-OP, Quest Innovative Solutions

May 2025 – August 2025

- Cleaned and organized datasets using Python, NumPy and Pandas.
- Created charts and graphs using matplotlib and seaborn.
- Used Python to save time on repeated tasks.