

Tanisi Das

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EDUCATION

Bachelor of Computer Science: Software Engineering (Honours)

September 2021 – Present

Carleton University | Ottawa, Canada

- Fourth year standing
- 9.50/12.00 CGPA (A-)
- Achievements:
 - President's Scholarship (2021)
 - Award of Excellence for International Students (2021)
 - Dean's Honour List (2021-2022, 2023-2024)
 - Henry Marshall Tory Award (2022)

SKILLS AND COURSEWORK

Languages/Databases: Python, Java, C/C++, Visual Basic, SQL, JavaScript, HTML, CSS, MongoDB

Frameworks/Libraries: Qt, Spring Boot, Node.js

Softwares: Microsoft Office, GitHub, Git, PostgreSQL, Visual Studio Code, UiPath, Power BI

WORK EXPERIENCE

IT Corporate & Support Intern, RPA | flydubai

June 2024 – August 2024

- Designed and implemented workflows using UiPath to automate invoice processing, financial tracking, auditing and data reporting
- Utilized UiPath to automate data extraction from customer review websites such as TripAdvisor
- Designed an application to conduct sentiment analysis on extracted reviews using Python, an NLP model and Excel to provide insights into customer satisfaction data

APPLIED PROJECTS

Eunoia – Emotion-Aware Study Timer | HTML, CSS, JavaScript, Face-API.js, AWS Amplify

October 2025

- Developed a web app that adapts study sessions based on user mood using real-time facial expression recognition
- Implemented interactive UI with ambient sound selection, session recommendations to improve focus
- Integrated an analytics dashboard to visualize mood patterns and refocus behavior over time
- Deployed using AWS Amplify with secure client-side emotion processing and responsive design across devices

Neureset (EEG Feedback Device) – Software Prototype | C++, Qt, UML

March 2024 – April 2024

- Designed comprehensive use cases, requirement traceability matrix & UML class, state and sequence diagrams
- Simulated software using Qt and C++ architecture that allows users to start new sessions and view session logs
- Designed a comprehensive GUI to display real-time EEG data visualizations
- Implemented logic for generating treatment using waveform calculations

Health and Fitness Club Management System | Python, PostgreSQL, pgAdmin

March 2024 – April 2024

- Implemented an application with a user-friendly command-line interface for a fitness club management system
- Designed a relational database to efficiently store, manage and retrieve data corresponding to club members, trainers and administrative staff through optimized SQL queries
- Implemented features such as member registration, profile and dashboard management, scheduling, and administrative functions such as payment processing and club maintenance using Python

'Python' Snake Game | Python, Pygame, PyCharm, Procreate, UML

June 2023 – July 2023

- Collaborated with a cross-functional team to recreate and develop a classic snake game
- Implemented modular code structure and incorporated object-oriented design using Agile modeling principles
- Integrated Procreate and Pygame for graphics and sound effects to enhance user experience