



## PROFILE

A bright and ambitious computer science student currently in my second year of studies, with a passion for technology and a drive to innovate, on a mission to become a skilled programmer and to make my mark in the tech industry.

## CONTACT

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ADDRESS:  
Nugegoda, Sri Lanka

## LANGUAGES

English  
Sinhala

# SHAKEEL AMATH

Computer Science Undergraduate

## EDUCATION

**Currently Completing a B.Sc. (Hons) Computer Science**  
**University of Westminster at Informatics Institute of Technology Sri Lanka**

Courses Completed:

- Software Development I
- Mathematics for Computing
- Trends in Computer Science
- Computer Systems Fundamentals
- Software Development II
- Web Design and Development
- Information Technology Security
- Object Oriented Programming
- Database Systems
- Software Development Group Project
- Client-Server Architectures
- Advanced Client-Side Development

**International Edexcel Advanced levels**  
**Alethea International School**

June 2021

Subjects Taken:

- Information Technology
- Business
- Economics

**International Cambridge Ordinary levels**  
**Alethea International School**

June 2019

Subjects Taken:

- Business Studies
- English Language
- Computer Science
- Economics
- Mathematics
- Accounts
- Environmental Management

## SKILLS

- Proficient in Python programming language with experience in developing and training a machine learning model that detects human emotions.

- Proficient in Java programming with experience in developing and maintaining Java-based applications, utilizing object-oriented design principles and agile methodologies.
- Proficient in using HTML5, CSS, and JavaScript to create responsive and visually appealing web pages and applications.
- Skilled in utilizing frameworks such as jQuery to streamline development processes and enhance user experience.
- Proficient in Dart programming language for building a mobile application, with experience in developing and deploying Dart-based solutions using a flutter framework.
- Proficient in using MySQL and phpMyAdmin for database management and coding, with experience in designing and implementing relational databases and writing SQL queries.
- Proficient in utilizing JSON data format for web development
- Proficient in Android Studio and experienced in developing mobile applications using Dart. Ability to design, implement, and maintain applications with a user-friendly interface and seamless functionality. Proficient in integrating third-party libraries and APIs, as well as debugging and troubleshooting issues.
- Strong understanding of software development methodologies and practices, including Agile and Scrum.
- I have utilized GitHub to develop and manage coding projects, demonstrating my proficiency in version control and collaboration with other developers.

## **SOFT SKILLS**

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- I work well with others towards a common goal and am able to contribute to team projects in a positive and productive manner.
- I am able to adapt to new situations and take on new challenges with ease.
- I am able to take initiative and motivate others towards a shared goal, even when not in a formal management position.
- I am skilled in managing my time effectively and am able to prioritize tasks to meet deadlines.

## **PROJECT IN UNIVERSITY**

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### Music Recommendation System based on Facial Features

- Led a team of five in developing a music recommendation system that utilized facial feature recognition to suggest personalized music playlists.
- Implemented the front-end of the mobile application using Flutter and Dart, creating an intuitive user interface for capturing facial features.
- Utilized Python and machine learning techniques to train a facial recognition model on a dataset of music preferences.
- Integrated the trained model with the Flutter application to generate music recommendations based on facial expressions and features.
- Collaborated with team members to ensure seamless communication between the front-end and back-end components of the system.
- Managed project tasks, deadlines, and version control using Git and GitHub.

## **EXTRA CURRICULAR ACTIVITIES**

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Member of the rotaract club of IIT

Member of the SLMUN club at Alethea International School

Member of the Football team at Alethea International School