

Rashmika Madaela

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ACADEMIC QUALIFICATIONS

B.Sc. Engineering (Hons) in Computer Science and Engineering, University of Moratuwa, Sri Lanka
2024 – 2028 (Expected) | Current GPA: 3.78 / 4.00

G.C.E. Advanced Level (A/L) Examination – 2022 (held in 2023)
Physical Science Stream
3 A's | Z-score: 2.8486 | Island Rank: 30

G.C.E. Ordinary Level (O/L) Examination – 2019
9 A's including Mathematics, English, Science, and ICT
Additional: English Literature – A (2021)

EXPERIENCE

Public Relations Co-Director – Rotaract Club of University of Moratuwa
2025 - Present

- Co-leading the Public Relations team to manage the club's brand identity and external communications.
- Developing and executing PR campaigns across social media to promote club projects and increase engagement.

District Co-coordinator – Sasnaka Sansada
2024 – 2025

- Coordinated district-level educational activities
- Conducted Mathematics teaching sessions for O/L students
- Developed strong communication and leadership skills

Sergeant-at-Arms – Rotaract Club of University of Moratuwa
2024 – 2025

- Managed event logistics and internal club operations
- Supported leadership in planning and execution

PR Team Member – Mathematics Club, University of Moratuwa
2025 – Present

- Designed promotional material and edited videos
- Collaborated in a dynamic team of creative contributors

Video Editing Pillar Member – MoraSpirit
2024 – Present

- Edited video content for university-level sports events
- Ensure brand consistency and visual quality

Freelance Video Editor – Fiverr
2020 – Present

- Delivered professional video editing services globally
- Managed client communications and project deadlines

YouTuber – SL Power (Tech Channel)
2017 – 2021

- Created tech content and managed a channel with 50K+ subscribers
- Produced, edited, and optimized videos

Teaching Resource Person – Mathematics Olympiad Zonal & Provincial Training Pool
2024, 2025

- Trained students for provincial and national competitions
- Conducted problem-solving workshops and mentoring sessions

PROJECTS

Nano Processor Design (Group Project)

- As part of a four-member team, designed and implemented a 4-bit Nano processor on a BASYS 3 FPGA board.
- My contributions included designing the top modules for both minimal and extended processor versions, developing testbenches, and coordinating group tasks.
- The extended version featured an enhanced ALU, a comparator, and support for additional operations including AND, OR, and MUL.

Dynamic GPA Calculator (Personal Project)

- Developed a flexible and responsive GPA calculator using React, Vite, and Tailwind CSS.
- Features dual modes for pre-filled CSE courses and custom setups, with real-time SGPA and CGPA calculations.

Movie Watchlist App (Personal Project)

- Built a modern web application for Browse movies and managing a personal watchlist, saved to the browser's local storage.
- Tech Stack: React, Vite, Tailwind CSS, and The Movie Database (TMDb) API.

CERTIFICATIONS

- Developing Front-End Apps with React – IBM (July 2025)
- Getting Started with Git and GitHub – IBM (July 2025)
- Introduction to HTML, CSS, & JavaScript – IBM (July 2025)
- Introduction to Software Engineering – IBM (June 2025)
- Certificate in Web Development (HTML, CSS, PHP, MySQL) – Information Technology & Distance Learning Hub, Polonnaruwa
- Problem Solving (Basic) – HackerRank (Feb 2025)
- Python Basic – HackerRank (Feb 2025)
- Introduction to Generative AI – Google (May 2024)
- Python for Beginners – University of Moratuwa (May 2024)
- Professional Certificate in Marketing – SLIM (2020)

AWARDS & ACHIEVEMENTS

- Bronze Medal – International Mathematics and Science Olympiad, Thailand (2015)
- Gold Medal – National Mathematics Olympiad Competition (2016)
- Earned placement in the Dean's List, Faculty of Engineering, University of Moratuwa, Sri Lanka: Semester 1 (GPA: 4.00)

VOLUNTEERING & LEADERSHIP

Design Co-Lead | Enigma 2.0, Mathematics Society, University of Moratuwa | Jun 2025 - Present

- Co-leading the design team for an inter-university coding competition, managing the creation of all promotional materials.

Design Co-Lead | MoraForesight 3.0, IEEE Student Branch, University of Moratuwa | Feb - Aug 2025

- Leading the design team for a flagship STEM bootcamp, overseeing all branding and visual identity.

Co-Chair | Rotaspark '25, Rotaract Club of University of Moratuwa | Jan - Mar 2025

- Co-chaired the official orientation program for new members, directing all PR and design strategies.
- The project was recognized with the Silver Award for 'Most Outstanding Membership Initiative' at the 35th Rotaract District Assembly.

Event Coordinator | Are You Ready? 2025, Rotaract Club of University of Moratuwa | Dec 2024 - Mar 2025

- Supported the execution of the official university career fair, connecting undergraduates with top-tier companies.

Co-Chair | Binara Padura, Rotaract Club of University of Moratuwa | Aug - Oct 2024

- Co-chaired the university's largest musical event to showcase freshman talent, managing logistics, promotion, and execution. The project won a Silver Award at the 35th Rotaract District Assembly.

Co-Chair | Premio Formalita & Euphoria Prom, Rotaract Club of University of Moratuwa | Apr - Jul 2024

- Co-chaired the club's official awards ceremony and year-end event, leading the PR strategy and pivoting to a virtual format during a university strike.

EXTRA-CURRICULAR ACTIVITIES

- Scout – Royal Central College Polonnaruwa Scout Troop
- Chess & Karate – National-level participation
- Senior Prefect – Royal Central College Polonnaruwa (2019–2022)

SKILLS

Programming: Python, Java, C++, HTML, CSS, JavaScript (React.js)

Design & Multimedia: Adobe Creative Suite (Photoshop, Premiere Pro, After Effects), Canva

Developer Tools: Git, GitHub, Vite, Tailwind CSS

Soft Skills: Leadership, Public Speaking, Team Collaboration, Creative Thinking, Problem Solving

PERSONAL INFORMATIONS

- Full Name : Madaele Pahala Gedara Rashmika Vibhawi Madhuwantha Madaela
- Citizenship : Sri Lankan
- Communication Proficiency
 - English (Professional Working Proficiency)
 - Sinhala (Native)