HAMZA SHABAN

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PROFILE

First-year Computer Science student at Singapore Management University with hands-on experience in C++ programming, basic Python, and building practical projects, including a Telegram automation bot. Previous experience managing business records using Microsoft Excel. Seeking opportunities to develop software engineering skills, contribute to real-world projects, and gain practical industry experience.

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY (SMU) Aug 2026 - Oct 2029

Bachelor of Science (Computer Science) | Expected graduation: October 2029

TECHNICAL SKILLS

Programming: C++; basic Python | **Web:** HTML and CSS

Automation: n8n, workflow automation, Telegram Bot integration

Business data: Microsoft Excel; invoice, sales and inventory data entry and organisation

Digital logic: Logisim

PROJECTS

Daily Cryptocurrency Updates | Telegram Bot (n8n)

- Built an automated n8n workflow to deliver daily cryptocurrency market updates via Telegram.
- Included prices, trading volume and 24-hour percentage changes in the updates.

Rock, Paper, Scissors Game | C++

- Built a C++ console game featuring random computer choices, configurable rounds, score tracking, and replay functionality.
- Structured game logic using functions, structs, and enums.

Traffic Light Control System | Logisim

- Independently designed and simulated a traffic light control system for a four-way intersection.
- Incorporated dedicated signals for left and right turns and pedestrian crossings.

EXPERIENCE

Future Bridge Company Oct 2024 - Mar 2026

Data Entry Assistant Intern (Part-Time)

- Entered and updated invoice, sales and inventory records using Microsoft Excel.
- Organised company records to keep sales and stock information up to date.
- Checked entries for accuracy and corrected data entry errors.

CO-CURRICULAR ACTIVITIES

SCIS Bytes by Ellipsis | Member Sep 2026 - Present

SMU Muslim Society (SMUMS) | Member Sep 2026 - Present