

Hilma Shigwedha

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EDUCATION

Tsumeb, Namibia

Otjikoto Senior Secondary School

January 2015 - November 2020

Ongwediva, Namibia

University of Namibia

January 2021 – Present

SKILLS SUMMARY

- **Languages:** Python, SQL, Javascript, Html, CSS, C++
 - **Frameworks:** Matplotlib, PyQt5, fitz, SQLite, React Native, Bootstrap
 - **Tools:** Excel, Powerpoint, SQLite
 - **Platforms:** VS Code, Visual Studio Code, STM32IDE, Arduino IDE
 - **Soft Skills:** Excellent communication, very good Organization skills, Excellent Leadership Skills.
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PROJECTS

Portfolio Website |

- **Details:** Personal portfolio with different sections (labs, projects, contact), currently being styled and refined.
- **Languages/Tools:** HTML, CSS, JavaScript.

RC Car Project (Remote-Controlled Car with Microcontroller) |

- **Details:** A hardware-based embedded systems project built using the STM32F103C8T6 microcontroller involving control of an RC car. Includes motor control and remote input handling.
- **Languages/Tools:** C (for embedded programming), STM32CubeIDE (or similar), Proteus for simulation.

BookHub |

- **Description:** A desktop application that allows users to sign up, log in, upload PDF books, extract and preview the first page as a book cover, and organize books by genre.
 - **Key Features:** GUI, book preview, SQLite database, file handling, login system, refresh/update logic.
 - **Languages Used:** Python, SQL
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ACHIEVEMENTS

Certificate of Appreciation (UNAM) – Engineers' Book Club President

October 2024

Certificate of Appreciation (UNAM) – Media Committee Member

October 2024