

# Sigridus Amwaalwa

+264 812915054 • Windhoek, Namibia • amwaalwa.sigridus@gmail.com

## EXPERIENCE

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### STEM Facilitator

Jan. 2019 - July. 2022

*Pepperdine University | Malibu, CA*

I worked in a Participant support organization for the Advancing Informal Science Learning grant to Pepperdine University from the National Science Foundation, entitled “International Community for Collaborative Content Creation, IC4”. I worked with **+300 students** from different universities all over the world.

#### Key Accomplishments:

- Significantly increased student engagement from different countries to collaborate on different STEM projects in under **3 years**.

## PROJECTS

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### Student Result Management System

- This Student Result Management System is a robust platform meticulously built to streamline and enhance the management of student grading, reducing processing time for grading tasks by **90%**.
- This system empowers administrators, lecturers, and students with tailored functionalities to ensure a seamless and efficient academic experience.
- This management system was built using Java as the back-end language, MySQL as the database and Javascript, HTML and CSS for the front end.
- The Admin dashboard provides a centralized hub for overseeing the entire grading process.
- The Student Module offers a secure portal where **100%** of students can view and download their grades and academic progress as well as access them anywhere.
- Improved data entry speeds by **70%** with a user-friendly interface that allows for ease of navigation and a seamless experience for students.
- Lecturer Modules are provided with tools to efficiently manage grading tasks.
- Able to add and delete grades for students with precision, providing timely and accurate feedback to students.

### Francesco Website

- Designed a UI/UX-friendly website for an Italian restaurant using a collaborative web design tool called **Figma**.
- Built the entire website using **JavaScript, HTML** and **CSS**.
- This had a **60%** additional revenue for the restaurant by making it convenient for people to order online as well as viewing restaurant menus.

GitHub Repository: <https://github.com/sigridus24>

## EDUCATION

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Namibia University of Science & Technology | *Bachelor of Science in Computer Science*

Expected August. 2025

- **Microsoft Learn Student Ambassador Program**
  - Part of an international program designed for university students with a passion for Microsoft technology.
  - Microsoft Student Ambassadors act as leaders in their communities, helping other students learn and get excited about Microsoft products.

## SKILLS

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Node.js | HTML, CSS | Cloud Computing | MySQL | Git/Github | Javascript | React.js | Java | Software Development