

MADSEN W. J. SERVIUS 馬德森

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PROFILE

MOFA Scholar pursuing Mandarin Chinese Proficiency (targeting TOCFL Level 4) and Admitted Master Student in EECS at Taipei Tech (Fall 2026).

EDUCATION

Chinese as a Foreign Language, Language Center, National Chung Hsing University

September 2025 - August 2026

- Developed Mandarin Chinese proficiency across speaking, listening, reading and writing through intensive coursework.
- Cultural Exchange.
- Passed the TOCFL Level 2 (Intermediate Chinese).

Bachelor Degree in Computer Science, École Supérieure d'Infotronique d'Haïti

September 2019 - October 2023

- Comprehensive foundations through rigorous coursework (Algorithms & Data Structures, Computer Architecture, Object Oriented Programming in C++ ...)
- I was a lead member of the school's makerlab where I built a trash can robot that detects specific hand gestures to navigate to users.

EXPERIENCE

Software Quality Assurance Engineer Intern, Central Bank of Haiti

June 2025 - August 2025

- I conducted functional, regression and end-to-end testing to ensure stability, security and compliance.

Lead Instructor, Akademi

March 2025 - August 2025

- I taught a group of more than 25 students JavaScript, React, Python and System Design ([link](#))

Startup Founder, Dokla

April 2018 - June 2025

- I bootstrapped from ideation to launch a SaaS platform for doctor's appointments in Haiti.
- I managed all the aspects from product vision, software development, market research and initial user acquisition.
- I conducted Full Stack Development with React and Django Rest API.

Software Engineer, LotoLakay

August 2022 - February 2025

- I built and maintained a mobile app with Angular/Ionic, improving experience and workflow efficiency.

Software Engineer, CleanConnect.ai

November 2021 - June 2022

- I built data pipelines. Telemetry from Edge to Cloud with MQTT IoT Protocol.
- I also contributed to a frontend application with React.

Teacher Assistant, AyitiAnalytics

October 2020 - April 2021

- I developed educational content for Object-Oriented and Asynchronous programming in Python.

CERTIFICATE

Deep Learning Specialization, DeepLearning.AI (In Progress)

Test of Chinese as a Foreign Language (TOCFL) Level 2, April 2026 ([link](#))

Data Analysis, LeWagon, September 2023 ([link](#))

LANGUAGES

French: Mother Tongue

English: Advanced

Chinese: Intermediate Level

PROGRAMMING LANGUAGES AND TOOLS

C/C++

Python (Numpy, Pandas, Matplotlib)

Web Development (HTML/CSS, Javascript, React, Django)

App Development (React Native)

Linux, Docker

Cloud (GCP, AWS)

OTHERS

I cofounded the club Machine Learning for Haiti (mlhaiti) in my country for peers to share knowledge.