

Melanie ACELOR NDAMBANI

Contact

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My QR code LinkedIn



Interests

Sports: Sailing, Jujitsu.

Music: Piano (10 years).
Harmonica (1 year).

Associations:

-Treasurer of Solid'eirb:
Solidarity and
Environmental
Association of
ENSEIRB.
-Secretary of Eirspace:
Aerospace Association
of ENSEIRB.
-Volunteer at Banque
Alimentaire de la
Martinique.

Profile

Graduate engineering student in Dual Degree in Electronics and Manufacturing and Control. Always willing to learn new skills. Hard working, rigorous, and adaptability are qualities that I have. I am able to work independently in busy environments and also within a team setting. Looking for a full time job starting September 2021.

Education

- 2020-2021 **Master of Engineering in Advanced Manufacturing, Automation and Control Systems Track (graduation in August 2021)** Chicago, Illinois
Relevant courses: Computer integrated manufacturing technologies, Applied optimization, Computer vision image processing
Illinois Institute of Technology
- 2018-2021 **Engineering Degree in Electronics (graduation in August 2021)** Bordeaux, France
Bordeaux Graduate School Of Electronics Engineering (Enseirb-MATMECA)
- 2015-2018 **3 years of intensive math and physics course in preparation for the selective entrance examination to French engineering school.** Saint-Maur-des-Fossés, France
High School Marcelin Berthelot
- 2015 **Baccalauréat S equivalent to a High School Diploma with distinction** Martinique, France
Couvent Saint Joseph de Cluny

Skills

Programming (advanced level): C/C++, Python, VHDL, Matlab, Assembler.

Software (advanced level): Proteus, Cadence, FST for Ladder diagrams, Arduino, SolidWorks.

Soft skills: Adaptability, Autonomy, Collaboration, Communication, Teamwork Skills, Critical Thinking.

Academic projects

2020-2021 -Research project: Improvement of a robotic arm which identifies, sorts and interacts with objects within its reach: using Computer vision, Automation and Control.

-Won the 1st place in the ECE-Day design competition with a smart lock system which opens/lock a door using face recognition.

-Performed handwritten digit recognition and semantic segmentation using convolutional neural networks in computer vision and image processing

2019-2020 -Created a MP3 and a PONG in VHDL using a FPGA board from Xilinx

2018-2019 -Built a drone for a rescue in perilous situation, as part of the competition Planet Science

Work experience

August 2019 Summer work in a bank: BRED Banque Populaire

June 2019-July 2019 Internship in an oil refinery: Société Anonyme de la Raffinerie des Antilles (SARA)

Languages

French: Native language.

English: Fluent (TOEIC 985/990, IELTS 7/9).

Creole: Native language.

Spanish: Intermediate (B1 level).