

# Chiron Bang

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## EDUCATION

Florida Atlantic University  
Doctorate in Computer Science

Boca Raton, FL  
December 2026

National Advanced School Of Engineering of Yaounde  
Master in Telecommunications Engineering  
GPA: 3.2/4.0

Yaounde, Cameroon  
July 2020

## RELEVANT COURSEWORK

- Artificial Intelligence, Reinforcement Learning, Deep Learning, Convex Optimization (FAU)
- Linear algebra, Multilinear algebra, Probabilities and statistics, Engineering Mathematics, Probability and Graph Theory, Information Theory, Computer Programming (NASEY)

## TECHNICAL SKILLS & CERTIFICATIONS

**Languages:** Python, C, Java. **Web Development:** HTML, CSS, Django. **Operating Systems:** Linux. **Framework:** TensorFlow. **Coursera Certifications:** DeepLearning.AI TensorFlow Developer, Deep Learning Specialization, Machine Learning. **Cisco Certification:** CCNA Routing and Switching

## ACADEMIC PROJECTS

**Study of the saccadic eye movement** (*Engineering Project, Fall 2020*) Simulated a saccadic eye movement (from 0 to 10°, from 0 to 10 then 20° for example) using Matlab and Simulink. An input signal is sent in and a degree value is expected at the output. A PID was used to make the system stable.

**Development of a Web App** (*Personal Project, Aug. 2020*), Developed a Django based web application used for detecting, providing parameters of an electrical line, whether or not that line experiences a default and if yes the type of default.

**Development of a ciphering tool** (*Basis of Communication Systems Security, Fall 2019*) Developed a GUI Java program used to cipher and decipher textual information using RSA and ElGamal algorithms.

## WORK EXPERIENCE

### Africa Data Center

October 2020 – May 2021

Systems and Network Administrator

- Deployed Zabbix, a monitoring software to manage network equipment and the enterprises' servers

### Evolving Consulting, NASEY

March 2020 – July 2020

Network Engineer

- Designed and implemented a productivity tool to support information system security auditors in the audit of an Information System

### Innovatech Association

July 2019 – August 2019

Software Engineer

- Trained a neural network model to detect objects in videos in the aim of making a search on that video with object name as keyword. Tool used: Tensorflow

## EXTRACURRICULAR ACTIVITIES

### Innovate and Share Conference

Summer 2019

- Participated to the organization of the second edition of the annual "Innovate and Share" conference at the National Advanced School of Engineering of Yaounde and presented a project using Neural Network model to detect objects in videos; it is a conference which aims to promote new technologies, electronics, through the presentation of projects realized by high school students at the Innovatech Association.

### IndabaXCameroon

April 2019

- Presented "The Role We Have to Play as Africans in the AI Revolution " in front of 50+ people and ranked in the top 3 out of 10 participants.

**LANGUAGES:** English (fluent) and French (native)