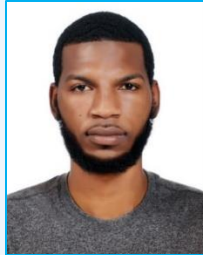


## Personal Information



Name : **Ibrahima Wane**  
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Nationality : Mauritanian  
Portfolio Link : <https://ludoprison.wixsite.com/portfolio>

## Profile

Creator of Ludo Prison, a game available on Google Play, and Java developer, especially for Android Apps, and has some knowledge about system programming for performance and memory management. Familiar with distributed systems, as well as the associated techniques such as functional programming and the actor model. Implemented IoT systems using multiples software and hardware tools such as SQL and NoSQL databases, geolocation, Arduino boards, Raspberry Pi boards, sensors and various communication techniques like CoAP, UART, SPI, I2C. Able to learn easily any programming language and communicates in various languages.

## Experience

**Software Developer**, Unomic (Busan)

**Feb. 2019 – July 2019**

- To develop a web scheduler with HTML, CSS, JavaScript, Scala and Cassandra (Play Framework)
- To convert a CNC machine monitoring software (Fanuc) from Scala (JVM compiler) to Scala-native (LLVM)
- To test eXtremeDB database performance
- To convert a C/C++ application compiled by Visual Studio to GCC/G++

**Graduate Teaching Assistant**, Pukyong National University (Busan)

**Sep. 2018 – Dec. 2018**

- To teach the exploitation of Arduino, Android Studio and JavaScript/Node.js for implementing IoT systems
- To teach communication protocols for sensors and IoT systems in general

**Internship**, Télédiffusion De la Mauritanie (Nouakchott)

**Aug. 2014 – Dec. 2014**

- To configure FM transmitter networks

## Skills

### Programming Languages

- **Java, Scala, Scala-native, JavaScript, Arduino** ★★★★★
- **C, C++, Python, HTML** ★★★★★
- **CSS** ★★★★★

### Environments & Development Tools

- Linux, IOS, Windows
- Play Framework, Android Studio, IntelliJ, Node.js, Firebase

### Languages

- English, French, Korean, Arabic, Fulani

## Education

**Masters in Information & Communications Engineering**, Pukyong National University (Busan) **2017 – 2019**

**Korean Language Training**, Chonnam National University (Busan) **2016 – 2017**

**Bachelors in Networks & Telecommunications**, Institut Universitaire Professionel (Nouakchott) **2011 – 2014**

**High School Diploma**, Lycée de Formation Technique et Professionnelle (Nouakchott) **2010 – 2011**