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| Email : fassou-mathias.niamy@atos.net  Civil status : Single  Nationality: Guinean  Fassou Mathias NIAMY  **Software Engineer** |  |

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| Training |  | * 2017-2019, **Master in Video Games, Digital Interactions and Big** **Data** from Ecole Supérieure Polytechnique of Dakar (ESP) * 2010-2011, **Bachelor’s degree in computer science** (Institute of Technology of Mamou, Republic of Guinea) |
| Languages |  | * English (professional level) * French: Fluent * Mother-tongue: Mano |
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| **Technical skills** | | |

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| Programming Languages | Java, Python, PHP C#, R  Java EE | 2 1.5  1.5 |  | JavaScript/jQueryHTML/CSS | 2 2 |
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| Databases | MySQL, Oracle | 2 |  | MongoDB | 1.5 |
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| Operating Systems | Linux | 2 |  | Windows | 2 |
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| Linux system administration utility tools | SED, AWK | 2 |  |  |  |
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| **Mathematics** | Statistics | 2 |  | Linear Algebra | 2 |

1-Connaissance 2-Maîtrise 3-Expertise

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| **Work experience** |

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| **Atos Senegal** | |  | |  |
| 2019 to now | |  | |  |
| **Internship** | |  | | ATOS |
| **Project** | |  | | Customs frauds detection using machine Learning |
| **Goal of the project** | |  | | * Help reduce customs frauds during goods transportation (importation or exportation) through air, sea and land. * Use machine Learning prediction power to determine the risk level associated with good transactions (fraudulent or not) |
| **Technologies and Framework used** | |  | | Scikit-Learn, Python, Flask, JavaScript |
| **Project realized at school** |  | |  | |
| January 2019 |  | | | |
| **As student:** |
| **Project** |  | | Big Data environment configuration in Cloudera Sandbox  (Hadoop + Yarn) | |
| **Project description** |  | | * Configuration of a Big Data environment capable of running in spark a Scala written code against data stored on Hadoop based cluster. * Import data from MySQL to Hadoop * Extract and load data from Hadoop to MySQL | |
| **Services configured** |  | | * Namenode, datanode, resourcemanager, nodemanager | |
| **Project realized at school**  April 2018 |  | |  | |
| Project |  | | Weather forecasting using machine Learning | |
| Project description |  | | Build a weather forecasting machine learning model | |
| Language used |  | | R | |

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| **Hobbies** |

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| * Jogging, swimming * Reading |