



**Alpha Ibrahima
BARRY**

Adaptability -Autonomy - determination

BIOMEDICAL ENGINEER

Education



• **currently • Master 2 Biomedical Engineering/ University of Lorraine**

subjects included: image Processing, Signal Processing, Medical Imaging technology

Master 2 global Innovation Management/ School of Management IAE Nancy

subjects included: Innovation Management, Marketing, strategy and innovation , Business development

• **2017-2018 • Master 1 Biomedical Engineering University Lorraine**

Subjects included: Generation-acquisition and processing of signals, Biomedical analysis techniques and quality, data processing and programming, Electronics

• **2015-2017 • Bachelor's in Biomedical Engineering • University Lorraine**

Subjects included: applied mathematics, electronics, data processing, instrumentation and sensors, Anatomy, Physiology, Cellular Biology, Biochemistry, Biophysics

• **2014-2015 • 1st year Biology • University of Pau**

Work Experience



• **2017-2018 • Research Assistant (3 months):** Normal Aging brain Study - Neuroimaging analysis of fMRI task data for identifying Neural Networks at Taub Institute - Neurological Department of **Columbia University in NEW YORK**

• **2016-2017 • Internship (2 months):** Biomedical technician in the operating room in **University hospital REIMS (FRANCE)**

• **2014-2016 • Practical Work:** manipulation of biomedical devices: catheterization, medical imaging, microsurgery

• **Practical work** in Molecular Biology: Electrophoresis, DNA extraction. Imaging: MRI, Scanner, X-ray for Diagnosis

• **Other Skills:** Fire Safety Officer

Divers



Computing : MATLAB, LABVIEW, Coding in C ,C++, PYTHON, MRICron, SPM, Raspberry, Arduino

Language:

	Writing	Reading	Speaking
English	★★★★★	★★★★★	★★★★★

interest



Association: Member of the association of Guinean of Nancy / culture (organising events, awareness campaign)

Sport : Football - Travel - I-tech

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