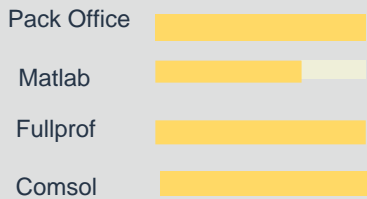# NOUHA DRAME

CONTACT

📍 16 rue des soeurs Blanches
Dunkerque/59140

✉ nouhadrame85@gmail.com

📞 0766320704

in /Nouhadrame

SKILLS

Tools and software

Pack Office

Matlab

Fullprof

Comsol

Languages

French

English

Wolof

INTERESTS

Travel   Sport   Reading

QR code
Scan it!

PROFESSIONAL EXPERIENCES

Unit of Dynamics and Structure of Molecular Materials (UDSMM) Dunkerque since October 2021

- Development of a device for measuring the conversion of heat into electricity and realization of a thermoelectric generator

Laboratory of Condensed Matter Physics (LPMC) Amiens | February - Juil 2021

- Measurement of the thermoelectric properties of GeSn semiconductor material doped with Sb, Mn, ...

- To take knowledge of the methods; of elaboration of thin films and the operation of certain equipment of the laboratory.

Laboratory of Chemistry and Physics of Materials (LCPM) Ziguinchor /Sénégal March - Jul 2018

- Calculation of the resonance energies and natural widths of the Rydberg 210 series of the berylliumoid ion +

- 2018-2019 : Synthesis and functionalization of gold nanoparticles, polymers at Franche-Comté University, Besançon

- Practical work : characterization of the surfaces of some materials (CD disc, grass leaf and aluminum foil) and study of the roughness of their surfaces with the AFM at the University Franche-Comté, Besançon

FORMATION

University of the Littoral Côte d'Opale - ULCO, Dunkerque

Doctoral student at the UDSMM laboratory, since October 04, 2021

University of Picardie Jules Verne, Amiens

- 2019-2021: Master Physics and Engineering of Nanomaterials (PHINAM)

University Franche-Comte Besançon

- 2018-2019: Master 1 Physics-Chemistry and Materials for Life

Assane SECK University of Ziguinchor / Senegal

- 2016-2018 : Master Physics of Materials

Assane SECK University of Ziguinchor / Senegal

- 2015-2016 : Licence 3 Physics - Chemistry

QUALIFICATIONS

- Synthesis and characterization of zinc oxide (ZnO) by the Pechini method

- Knowledge of surface treatment methods: XPS, AES, SIMS.

- Knowledge of materials modeling and simulation.

- Knowledge of the operation of different microscopes: AFM, SEM, Optical, X-ray, STM

- Knowledge on the physico-chemical characterization of materials, polymers, composites, crystallography

- Knowledge of spectroscopic methods of materials: Raman, NMR, UV, RBS and SM