

## PENDA FALL

Date & place of birth: 29 May 1999 in Abidjan

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### PROFESSIONAL EXPERIENCE

Apr 2023 – Aug 2023: Forschungszentrum Jülich GmbH Germany, Institute of Energy and Climate Research (IEK-5)/ Master Thesis writing (Photovoltaics)

- Characterization of direct light soaking effect on silicon carbide-based transparent passivating contact solar cells
- Propose an experimental plan, conduct experiments and discuss the results
- Scientific communication (writing, reviewing, presentation)

Nov 2020 – Feb 2021: PALMCI - SIFCA Group, Côte d'Ivoire / Bachelor Thesis writing (Renewable Energy)

- Energy audit of the oil mill's biomass plant
- Improve the cogeneration of electricity and heat from the turbine and the boiler
- Propose recommendations combining energy efficiency and sustainable development

### EDUCATION

Oct 2021 – Oct 2023: University Abdou Moumouni of Niamey – Niger  
International Master Programme in Renewable Energy and Green Hydrogen  
Track: Master of Science in Photovoltaics for Green Hydrogen  
Semester abroad: Apr 2023 – Aug 2023, Germany

Aug 2019 – Feb 2021: Centre des Métiers de l'Electricité of Abidjan – Côte d'Ivoire  
Professional Bachelor of Science in Energy Efficiency and Renewable Energy

Mar 2016 – Aug 2020: University Felix Houphouet-Boigny of Abidjan - Côte d'Ivoire  
Bachelor of Science in Physics

Sep 2014 – Jul 2015: Lycée Classique Abidjan – Côte d'Ivoire  
Baccalaureate D (Maths, Physics, natural sciences)

### FURTHER TRAINING

Jul 2023 – Aug 2023: Forschungszentrum Jülich GmbH  
German course for beginner / Basic knowledge

Jun 2021 – Oct 2021: University of Cape Coast – Ghana  
English Proficiency Course / Advanced level

### FOREIGN LANGUAGES

English (Fluent in both speaking and writing)

French (Native/official language)

German (Beginner in both speaking and writing)

## COMPUTER SKILLS

Microsoft Office  
Programming (Python, R software, Matlab) – Academic level  
RETScreen Expert (Intermediate level)  
PV Syst (Intermediate level)

## VOLUNTEERISM/EXTRACURRICULAR ACTIVITIES

- 27 Oct 2022: Panelist at the 3<sup>rd</sup> Renewable Energy Africa Summit (Virtual session), Kigali-Rwanda  
**Topic:** Hydrogen: The future of green energy?
- Since Sep 2022: National Coordinator of the West African Green Energy Development Organization (WAGEDO)
- 28 Aug 2022: Guest Speaker at News Central TV Exclusive, Nigeria  
**Topic:** Climate Change Adaptation and economic transformation in Africa
- 2022 – 2023: SDG Volunteer and member of the communication of CSDAC – Climate and Sustainable Development Action Club, Niger
- 2019 – 2021: Secretary General of the association Sciences et Technologies au Féminin, Côte d'Ivoire

## OTHER SKILLS

Material and electrical characterization of solar cells and samples  
Electrical measurement and connections of circuits  
Maintenance of a small PV system  
Project study with RETScreen Expert  
Writing of reports and scientific documents  
Leadership and civic engagement  
Teamworking and critical thinking

## LINKEDIN PROFILE

Penda Fall <https://www.linkedin.com/in/penda-fall-564079211>

Abidjan, 10.11.2023

