

## DONFACK FORTUNE

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## PROFESSIONAL EXPERIENCE

Higher Technical Teachers Training College, Douala, DLA

Jan 2024 – Mar 2024

### Assistant professor (Mechanical engineering department)

- Contributed to the delivery of 6 undergraduate-level modules (*Product Engineering Processes, Design & Manufacturing I, Toy Product Design, Introduction to Design, Global Engineering, Explorations in Mechanical Engineering*), supporting teaching activities for 80+ engineering students across lectures, tutorials, and design sessions.
- Reduced Supported assessment and project-based learning by supervising 10+ student design projects, integrating CAD-driven workflows and manufacturability principles, and assisting with coursework evaluation, resulting in improved project completion quality and technical reporting standards.

Technical College Fongo-Tongo, Dschang, DSC

Nov 2024 – Present Date

### Professor (Head of the Mathematics and IT Department)

- Lead the Mathematics and IT Department, overseeing 10+ teaching staff and coordinating curriculum delivery for 200+ secondary and technical students, ensuring alignment with national technical-education standards and assessment requirements.
- Designed and implemented data-driven teaching strategies and digital learning tools (mathematics instruction, basic programming, and ICT literacy), contributing to improved student pass rates by 73%, curriculum coherence, and departmental instructional efficiency.

SOLIDWORKS User Group, Douala, DLA

Feb 2023 – Present Date

### Group leader (Dassault systems)

- Lead and coordinate the Douala SOLIDWORKS User Group, organising 15+ technical workshops, 12+ webinars, and certification-oriented sessions for 300+ students and professional engineers, promoting best practices in CAD, mechanical design, and product development.
- Act as the primary liaison with Dassault Systems, supporting community growth, knowledge transfer, and certification pathways, and contributing to increased member engagement, skills development, and professional networking outcomes within the regional engineering ecosystem.

## MENTORING

SOLIDWORKS User Group, Douala, DLA

Feb 2023 – Present Date

### Group leader (Dassault systems)

- Mentored 20+ undergraduate and technical-college students in mechanical design, CAD (SOLIDWORKS), mathematics, and career development, providing structured guidance on project execution, technical reporting, and certification pathways.

Higher Technical Teachers Training College, Douala, DLA

Jan 2024 – Mar 2024

### Assistant professor (Mechanical engineering department)

- Provided one-to-one and small-group mentoring that supported academic progression, improved technical confidence, and successful participation in design projects, workshops, and professional engineering communities.

## EDUCATION

Higher Technical Teacher Training College (Honors College)/ ENSET Douala-DLA

Bachelor's degree in Mechanical Engineering, Mechanical Construction, GPA: 3.63/5.0

Sep 2019 - Jun 2022

Master's degree in Mechanical Engineering, GPA: 3.52/5.0

Sep 2022 - Jun 2024

## SKILLS & OTHER

- Technical proficiency:** Solidworks, Matlab, Autocad Mechanicals, Keyshot, Ansys, Adobe Premier Pro, After Effects, Photoshop, Keyshot, Excel, Python, teams, google meet, office, Virtual assistance.
- Soft skills:** Creativity and Multicultural team leader.

## DIPLOMA

- State Accredited Educator grade II (With honours) - 2024

- State Accredited Educator grade I (With honours) - 2022