

Herve KENSOUNG NGUEMO

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EDUCATION

The University of Chicago Booth School of Business, USA (Exchange program) 2023 - 2024
HEC Paris, FRANCE

Master of Business Administration (MBA),

- Major in Finance, Advanced Management and Strategy
- VP Social integration of HEC MBA Council (aiming to inspire unity and integration by embracing inclusivity)
- Member of PE Chicago booth Club

NATIONAL ADVANCED SCHOOL OF ENGINEERING OF YAOUNDE, CAMEROON 2010 - 2014
INSTITUT SUPERIEUR DES MATERIAUX DU MANS (ISMANS), FRANCE

Double master's degree in mechanical engineering and structural engineering

- Elected VP Mechatronic Club (30 members, \$15000 budget) - Seek funding for club activities (25% increase)
- AECM - Service price negotiator for newcomer African students (housing, insurance)

UNIVERSITY OF DOUALA, CAMEROON 2005 - 2010

Master's degree in physics and applications (Master I)

- Elected class representative, graduated with honors distinctions.

PROFESSIONAL EXPERIENCE

EDVANCE, FLAMANVILLE, FRANCE 2021 - 2023

Lead Nuclear structural engineer

- Spearheaded 4-members team in technical mediation for \$22 billion major nuclear project EPR
- Prepared and presented technical deliverables to nuclear plant's project Executive for taking optimized planned decisions
- Collaborated with French national studies experts in nuclear to resolve technical issues on equipment validation leading to 60% decrease on expected time and zero delay on construction site.

ENDEL-ENGIE, CHERBOURG, FRANCE 2019 - 2021

Senior structural engineer

- Optimized stress calculations process to validate static and seismic resistance of nuclear and industrial equipment, reducing simulation time by 30%.

EDVANCE, MALAKOFF, FRANCE 2017 - 2019

Lead structural engineer

- Computed structural stress analysis for heating and ventilation equipment
- Spearheaded 2-members team in technical mediation for \$22 billion major nuclear project EPR
- Created predictive analytics tool to simulate resistance of heating and ventilation nuclear equipment and coached teams on its use, decreasing by 30% project execution time.

SPIE CEGELEC, SAINT-DENIS, FRANCE 2017 - 2017

structural engineer

- Created predictive analytics tool to simulate resistance of electric nuclear equipment and coached teams on its use, reducing 40% project execution time.

SOFRESID ENGINEERING, LORIENT, FRANCE 2014 - 2017

Junior structural engineer

- Redesigned forward ship's structure, driving 20% saving in mooring equipment cost and 10% weight reduction
- Supervised design phase and on-site construction, ensuring a 100% compliance of installation with expected modifications.

LANGUAGES & INTERESTS

- Language: French (Native), English (Fluent), Yemba (Native), Spanish (Beginner)
- Technical skills: Project management, VBA, Computer-aided Design / modeling
- REIIM: Trained more than 50 job seekers in basic use of numerical simulation tools and nuclear safety rules.
- Taught Volunteered as a Math and Physics teacher and mentored 30+ students, helping to secure admission to top French colleges
- Interest: Low carbon energy production, Football, Tennis (play regularly for the last 20 years), Scrabble (score between 390 -410 for a 2 players game)