DOIT FAIRE UN EXAMEN MAJEUR PAR MON SURVEILLANT LES CHOSES ONT ÉTÉ DEMANDÉES POUR REMPLACER RAPIDEMENT OU REFUS
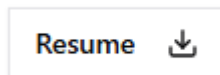
REMPLACE CE QUI EST EN IMAGE PAR CEST ECRITE SVP MERCI

0.   REMPLACE CECI AVEC SA

Currently the Head of Laboratory at Mechanical Engineering Department, PKFokam University Institute of Excellence

Head of PKFokam Lab | Robotics, AI & Smart Manufacturing Innovator | Open to PhD & Industry Opportunities

ET SURPRIME LA POSITION DE RESUME

Resume ⤓

1. REMPLACEZ TOUT DANS L'IMAGE CI-DESSOUS PAR CES TEXTES DANS WORD

William Chick TIMOH [Voici Lordre de mon Nom]

Head of Mechanical Engineering Laboratory at PKFokam University Institute of Excellence, Cameroon. As Head of the Mechanical Engineering Laboratory at PKFokam University, I leading the PKFokam Innovation Lab Projects, supervising students and worked with lecturers on AI-driven manufacturing, automation, and sustainable engineering solutions, including AI-enhanced additive manufacturing and CNC optimization.

Engineering & Technology Expert

A forward-thinking, result-driven professional with expertise in Industrial, Mechanical, and Marine Engineering. Experienced in automation systems, complex troubleshooting, and innovative product design.

1. REMPLACEZ TOUT DANS L'IMAGE CI-DESSOUS PAR CES TEXTES DANS WORD

About Me

With over a decade of experience spanning engineering disciplines, I bring a unique perspective to solving complex technical challenges.

As Head of PKFokam Lab, I lead the PKFokam Innovation Lab Projects, supervising innovative solutions in robotics, AI-driven CNC optimization, subtractive and additive manufacturing, and sustainable engineering. My research, MSMAAI, optimizes machining sequences using ML and RL for Industry 4.0. With a Master's in Industrial Maintenance and Production Engineering, CNC certifications (Siemens 828D), and expertise in CAD/CAM (SolidWorks, ANSYS), I am open to PhD opportunities and industry R&D roles. Download Research Proposal | (inclus un lien ici que quand on click on peut delicharge mon research proposal) jai envoye sur wahtsapp

3. REMPLACE TOUS CE QUI EST EN IMAGE AVEC SA

Head of Laboratory, Mechanical Engineering
PKFokam University Institute of Excellence, Cameroon (2019–Present)

- Commissioned state-of-the-art CNC milling/turning facilities (EMCOMAT/FB).

- Lecturer in CNC Machining and Programming, Manufacturing Automation, Metrology and Design and Manufacturing Engineering Graphic II.

- Supervised student projects in AI-driven manufacturing optimization.

- Hands-on Practical projects on USING SIEMEN, FANUC Controllers for Advanced Machining

4. REMPLACE TOUS CES QUI EST EN WORK EXPERIENCE AVEC LES SUIVANT

Head of Laboratory, Mechanical Engineering
PKFokam University Institute of Excellence, Cameroon (2019–Present) (https://pkfinstitute.com)

- Commissioned state-of-the-art CNC milling/turning facilities (EMCOMAT/FB).

- Lecturer in CNC Machining, Manufacturing Automation, and Metrology.

- Supervised student projects in AI-driven manufacturing optimization.

Project Engineer
Wally Construction, Cameroon (2018–2019)

- Managed CAD/CAM designs and mechanical systems maintenance.

- Led project budgeting and inventory control.

3D Design Engineer (Freelance)
Dessimintel, Ghana (2016–2018)

- Conducted FEA and CFD simulations for oil storage tanks.

- Developed MATLAB app for automation at KAAF University.

Maintenance Engineer
Cameroon Railway (CAMRAIL), Douala (2011–2012)

- Optimized locomotive performance using flash-based memory systems.

5

SOUS CE TITRE PRINCIPAL ET AU SOUS-TITRE SUIVANT CI-DESSOUS A CEUX QUI SONT DEJA LA

. 1. CAD/CAM:, Siemens NX, ANSYS, SIMUMERIK, Autodesk 360

2. Programming: Python (in progress), C++, MATLAB,

3. AI/ML: TensorFlow (in progress), Reinforcement Learning (in progress)

(CREE UN NOUVELE ENTETE pour celle si)

4 Simulation: FEA (ANSYS), CFD, Kongsberg Simulation Trainer

5. Other: LabView, Proteus, Arduino, MS Project

6. AJOUTE UN NOUVEAU ELEMENTS AVANT LE CONTACT POUR REMPLACE

Home   About   Experience   Projects   Contact

    a. Research Contributions,
    b. Awards

7. LORSQUE NOUS CLIQUONS SUR, Research Contributions NOUS DEVRIONS VOIR

2. Conference Presentation
   "Optimization of Data Research Management in African Universities: Case Study of Mechanical Engineering Labs," PKFokam Conference on Science & Technology, Cameroon, 2023.
3. In Progress
   Preparing paper on "AI-Driven Machining Sequence Optimization for CNC Milling" for ASME MSEC 2026.

7.1 LORSQUE NOUS CLIQUONS SUR, Awards NOUS DEVRIONS VOIR

1. Best student in Marine Engineering (2016). Regional Maritime University Ghana.
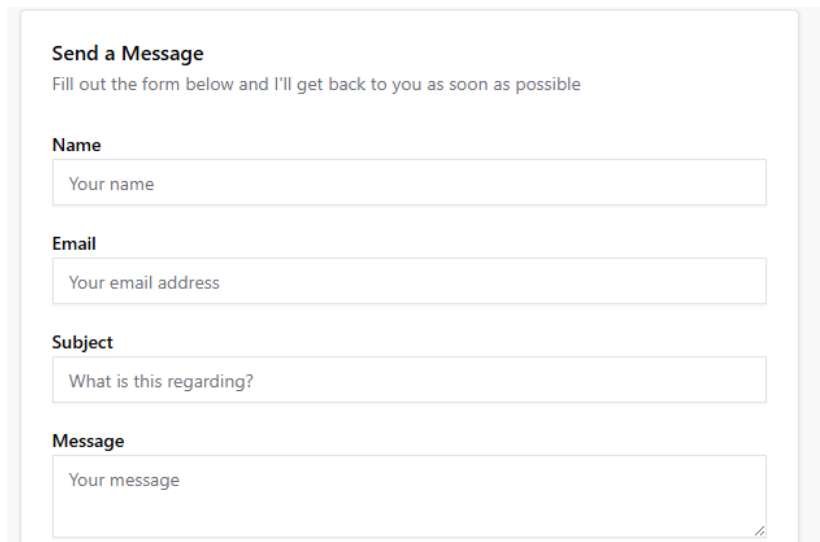
8. AJOUTEZ A CEUX CI-DESSOUS. L'ENDROIT POUR TELECHARGER LE CV. SI QUELQU'UN CLIQUE, IL PEUT TELECHARGER MON CV ou mon Proposal.

LinkedIn:

https://www.linkedin.com/in/timoh-chick-pharez-57a096375?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app

Download CV(ENVOYE APRES)

Download MSMAAI Research Proposal

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Fill out the form below and I'll get back to you as soon as possible

Name

Your name

Email

Your email address

Subject

What is this regarding?

Message

Your message

9. ENLEVE LE   PhD in Projects,   et à la fin du mot ingénierie, [GPA, 3,2/4,0]

Education

PhD student in Projects, Master's in Industrial Maintenance and Production Engineering, and specialized diplomas in Marine and Mechanical Engineering.

10. REMPLACER LES **Projects** ET **Projects & Research** PAR

PKFokam Innovation Lab Projects & Company Solutions

11. AJOUTER SOUS LES PROJETS EN COURS EN COMMENÇANT PAR CELUI-CI, JE VIENS D'ENVOYER PUIS TERMINER PAR CEUX QUI SONT EN COURS SUR LE SITE WEB

1. Jion Project: AI-Enhanced Additive Manufacturing for Rapid Prototyping
Supervised development of AI-driven 3D printing processes to optimize material use and speed. Used machine learning to predict print failures, reducing waste by 20%. Tools: Python, SolidWorks, TensorFlow (in progress). [Details in Portfolio PDF]

2. Jion Project: General Purpose Industrial Mixer
Led design of an automated mixer for industrial applications, integrating PLC control (Siemens). Improved mixing efficiency by 15%. Tools: Siemens NX, MATLAB. [Details in Portfolio PDF]

3. Minijet Engine Design and Development
Guided team in designing a compact jet engine prototype for educational use. Conducted FEA simulations (ANSYS) to optimize blade stress. Tools: ANSYS, Creo. [Details in Portfolio PDF]

4. All-Terrain Vehicle Design and Development
Supervised CAD design and prototyping of a rugged vehicle for rural Cameroon. Enhanced suspension durability by 30%. Tools: SolidWorks, AutoCAD. [Details in Portfolio PDF]

5. Agricultural/Waste General Purpose Shredder
Oversaw design of a shredder for agricultural waste recycling, improving throughput by 25%. Tools: Siemens NX, MATLAB. [Details in Portfolio PDF]

6. Dual Heat Furnace for Metal Melting (2500°C)
Led development of a gas/charcoal furnace for small-scale foundries in Cameroon. Optimized thermal efficiency using CFD (ANSYS). Tools: ANSYS, SolidWorks. [Details in Portfolio PDF]

7. Universal Pellet Machine for Feed Production
Supervised design of a pelletizer for livestock feed, increasing production rate by 20%. Tools: Creo, MATLAB. [Details in Portfolio PDF]

8. Sugar Cane Press for Juice Production
Guided team in designing a press for small-scale farmers, improving juice yield by 15%. Tools: SolidWorks, AutoCAD. [Details in Portfolio PDF]