

goal : Hello, I am actively seeking an internship opportunity in Germany for a duration of 3-6 months. Currently, I am completing my 4th year of studies at ESTACA in Paris, specializing in embedded systems, artificial intelligence, machine learning, and electronics, with a focus on the autonomous vehicles field.

age : 22

city : paris and strasbourg in france

English: B2 (Intermediate) French: Native Speaker

Engineer "Embedded and Digital Systems: Autonomous and Connected Vehicles" – Degree | 2022-2025 | ESTACA (4th year)

Skills acquired: Applied Mathematics, Computer Science, Sensor / Measurement Chain, VA Sensors (radar, lidar, camera), Digital Electronics, Systems Control, Statistics for Artificial Intelligence, Signal Processing (analog, digital), Linux: Ethernet and communication networks (Wi-Fi) / Real-time / Embedded Linux, Microcontroller: Electronic control units and embedded software, AI: Machine Learning, Deep Learning and Reinforcement Learning, Programming: Python, C/C++, Software: MATLAB, Linux, AUTOSAR (Embedded Systems Design Standard)...

University diploma of technology in physical measurement | 2020-2022 | LOUIS PASTEUR, STRASBOURG

(second year in apprenticeship)

Skills acquired: Mathematics, Physics: Analysis and Linear Algebra, Signal Processing, Thermodynamics, Metrology; Electronics, Electricity: Fundamental Functions and Components, Filters, Electromagnetism, Fundamental Electrical Laws, Programming: MATLAB, SolidWorks, LabVIEW, ARM language, Python, Office Software (Excel, Word, PowerPoint) ... Electrical qualification: B1V, Testing BE, Measurement BE...

Bachelor's degree | 2017-2020 | LOUIS PASTEUR High School, STRASBOURG

Specialization: Scientific with reinforced English, European English section

## Work Experience

Intern as Engineer in regulation and homologation of autonomous vehicle | Stellantis | 2022 - 2025 (3 year)

Main activities in my position: Representing Stellantis worldwide on Level 4 autonomous vehicles, on the DSSAD (Data Storage System), member of the OICA. I work on homologation and regulation of autonomous vehicles and ADAS. I write test protocols in accordance with regulations and collaborate with various departments to gather information for testing. In the field of regulation, I address software inquiries regarding design to resolve compliance issues.

Intern within Quality Department | PUNCHPOWERGLIDE | 2021 - 2022 (1 year)

## Hobbies

Music Conservatory Diploma | 2018 | Strasbourg Conservatory

Saxophone and music education, certification for amateur orientation

Entrepreneurship: Establishment of my own business as a private saxophone instructor / professional trader

Connaissances acquises : Mathématiques appliquées, pour l' informatique, Capteur / chaine de mesure, Capteurs VA ( radar, lidar, camera), Mécanique des solides et systèmes mécaniques, Electricité, Electronique numérique, Architecture automobile,

Dynamique Véhicule, Commande des systèmes, Technologies des moteurs automobiles/ Nouvelles motorisations : Hybridation et électrification, hydrogène, Statistiques pour l'intelligence artificielle, Traitement du signal (analogique , numérique), ADAS (Advanced driver assistance systems), Linux : Ethernet et réseaux de communication (WiFi)/Temps Réel/Linux embarqué Micro contrôleur : Electronique des calculateurs et logiciels embarqués, IA : Machine learning, apprentissage profond et par renforcement, Sécurité fonctionnelle automobile (Fiabilité) ; Réseaux Embarqués (CAN et FLEXRAY ), Modélisation multiphysique, Modélisation et génération de code et test, Modélisation avancée des systèmes multiphysiques (actionneurs), Introduction à la sécurité informatique, Optimisation et aide à la décision, Big Data (introduction stockage de l'info, trouver une place de parking), IoT (communication infrastructure/ inter-véhicule), Fusion de données capteurs, Cybersécurité, Programmation : Python, C/C++, Logiciel : Matlab, Linux, AUTOSAR( Standard de conception système embarqué )