Né le 20/01/2003
75000 Paris
0 à 1 an d'expérience
Réf : 2607161409

Aerospace engineer

Ma recherche

Je recherche tout type de contrat, sur toute la région Ile de France, dans le Batiment.

Formations

12/2026 : Bac +5 à IPSA Paris
Engineering Cycle - AERO 4 & 5 in Aerospace Propulsion Thesis: Numerical Modeling of Thermal CVD Carbon Deposition from Methane (CH4) on a Graphite Substrate. Supervisor: Dr. Thanh□Ha Nguyen□Bui, Safran - CNRS - Laboratoire LTCS, Université de Bordeaux. Erasmus exchange (6 months) at University of Pisa.

12/2024 : Bac +3 à IPSA Paris
Engineering Cycle - AERO 3 in Aeronautics Thesis: Validation of CFD Models for Metal Oxide Nanoparticle Formation in Droplet Combustion. Supervisor: Dr. Benedetta Franzelli, Laboratoire EM2C - CNRS - CentraleSupélec, Université Paris□Saclay.

12/2023 : Bac +2 à Académie de Lille - Lycée Colbert (Tourcoing)
Prépa CPGE - TSI

12/2021 : Bac à Académie de Lille - Lycée Colbert (Tourcoing)
Technological Baccalaureate

Expériences professionnelles

02/2026 - 09/2026 :
Aerospace Engineering Intern chez Safran - Cnrs - Laboratoire Ltcs sur Pessac
Configuration of a numerical model in FreeFem++ for simulating a chemical vapor deposition reactor, coupling heat transfer, fluid flow, species transport, surface reaction kinetics, and carbon deposition on silicon substrates; validation using experimental and literature data.

06/2025 - 09/2025 :
Aeronautical Engineering Intern chez Laboratoire Em2c - Cnrs - Centralesupélec sur Paris
Development and validation of CFD models for metal□oxide nanoparticle production via isolated droplet combustion, using OpenSMOKE++ simulations and parametric analysis; numerical predictions validated against experimental data from the University of Bremen.

05/2024 - 06/2024 :
Aerospace Engineering Intern chez Dart - Deep□space Astrodynamics Research & Technology Group sur Milan
Modeling of thermo□acoustic instabilities in sub□scale ramjet combustion chambers; analysis of coupling between unsteady heat release and acoustic wave propagation; parametric study of injector layout, chamber design and flow conditions to identify dominant instability modes.

Langues

Italian (Oral : maternelle / Ecrit : expérimenté), French (Oral : maternelle / Ecrit : expérimenté), English (Oral : maternelle / Ecrit : expérimenté), Spanish (Oral : courant / Ecrit : intermédiaire)