MARIUS PETER
Sales ⋆ Engineering ⋆ Design
11090 Strathmore Dr, Apt #1, Los Angeles, CA 90024
mpeter@ucla.edu — +1 818 284 3757

Education

2014–2019 — University of California, Los Angeles

B.S. in Aerospace Engineering
- Bachelor (Bac + 4) en ingénierie aéronautique et aérospatiale
- Spécialisation en commerce et technologie

Work

09–12/2017 — Cosmo Tech, Lyon

Assistant Business Analyst

- Élaboration d'une preuve de concept pour la problématique de continuité numérique d'Airbus
- Logiciel d'aide à la décision conçu pour les entreprises européennes d'infrastructure
- Modélisation & simulation de systèmes complexes : réseaux de transport routier/électrique/hydraulique, chaîne de montage industrielle (Final Assembly Line)

2016–2019 — UCLA Athletics, Los Angeles

Customer Service Representative
- Service client externe: caissier, "branding" de UCLA
- Service client interne : logistique, team building

06–07/2015 — CERN, Geneva

Assistant Electronics Engineer
- Apprentissage de HDL et LabVIEW (programmation de hardware embarqué)
- Transition entre des interfaces textuelles à graphiques pour tous les systèmes embarqués de mesure scientifique au CERN (ARM Linux sur FPGA)

Projects

Projet de derniere annee a UCLA: Design–Build–Launch
- Model rocket design, manufacturing, testing & analysis
- Lead the manufacturing of my team's rocket, which won first place out of all undergrad engineering teams

Airfoil Design Tool
- Software written for the design & optimization of NACA airfoils complying with FAR 23 regulations
- Available at `www.github.com/blendoit/UCLA_MAE_154B`

3D Design/CAD
- 10 years experience in geometry modeling, texturing, rendering & visual FX
- Blender 3D renders at `www.deviantart.com/faquinou`

Compétences

Certifications & Licenses

- 03/2019 — LEED Green Associate (sustainable building design, construction, and operations)
- 06/2019 — Linux Foundation Certified Engineer degree
- 03/2017 — California M1 motorcycle license
- 02/2016 — AHA First Aid & infant CPR

Athletics & Philanthropy
- UCLA Mens Rowing (Varsity) & Boxing
- UCLA Sales Engineering Club
- Brother of Sigma Pi (Upsilon Chapter)
- 2012–13 — Habitat for Humanity

Computer Science

- Microsoft Suite & LaTeX
- Daily GNU/Linux desktop & server
- Languages: VHDL/Verilog, MATLAB, Python
- Systems engineering: UML, SysML, BPMN
- Industrial engineering: AnyLogic, SIMPROCESS, MEGA HOPEX
- CAD packages: SOLIDWORKS, Blender 3D

Languages
- Native: French, English
- Proficient: German
- Intermediate: Chinese (Mandarin)