

# MARIUS PETER

Sales ★ Engineering ★ Design

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## Education

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**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

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**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

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**Projet de dernière année à 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](https://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](http://www.deviantart.com/faquinou)

## Skills

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### 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 & L<sup>A</sup>T<sub>E</sub>X
- 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)