

# 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**

- Technical breadth in Technology & Management
- Favorite courses: aircraft design, manufacturing processes, engineering business financing

## Work

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**09–12/2017 — Cosmo Tech, Lyon**

**Assistant Business Analyst**

- Learned a C-suite Decision Support Software for complex systems (road networks, energy grids)
- Elaborated a Proof of Concept for Airbus' digital continuity strategy
- Presented Cosmo's modeling & simulation capabilities for Shop Floor Control and Final Assembly Line

**2016–2019 — UCLA Athletics, Los Angeles**

**Customer Service Representative**

- External Customer Service: cashier and UCLA Athletics PR
- Internal Customer Service: supply chain optimisation, team building, inventory

**06–07/2015 — CERN, Geneva**

**Assistant Electronics Engineer**

- Learned HDL, LabVIEW and other hardware programming tools
- Assisted my team in a CERN-wide upgrade from CLIs to GUIs for FPGA data acquisition systems (embedded ARM Linux)

## Projects

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**UCLA Design–Build–Launch Senior Capstone**

- 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](https://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, SIMPRO-CESS, MEGA HOPEX
- CAD packages: SOLIDWORKS, Blender 3D

### Languages

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