

# Paolo Rüegg / Design Engineer

## Education

- 2015 - 2019 **Imperial College London** | *MEng in Design Engineering*
- Engineering Analysis (Mechanics, Electronics, Fluid Dynamics, FEA), Computing, Design, Communication in Design, Materials and Production, Engineering Mathematics, Big Data, Mechatronics and Robotics
  - Currently holding a 1<sup>st</sup> overall and among the top 10% of my year
- 2014 **Realgymnasium Rämibühl** | *Secondary education*
- Bilingual Swiss Matura ( $\emptyset = 5.58$  of 6) and International Baccalaureate (42 of 45 points)

## Experience

- 2017 **Produkt Design Zürich** | *Zürich* | *Design Consultancy*
- Six week intern as a product design engineer over the summer break
  - Responsible for creating concepts, CAD, rapid prototyping and performing engineering analysis
  - Worked on projects in the medical, home security and industrial testing field
- 2016 **Gravity Sketch** | *London* | *3D creation in Virtual Reality*
- Six week internship within the start-up over the summer break
  - Responsible for 3D-, and animation rendering of geometry created in VR
- 2016 - 2017 **DesSoc** | *London* | *Departmental Society*
- Industrial Liaison Officer responsible for strengthening ties to design and engineering companies
  - Independently organised prototyping workshops with industry heavyweights such as Dyson
  - Representing the student body in front of the the department
- 2016 / 2017 **Sensorium & Continuum** | *London* | *Annual interactive art installations*
- Worked as a tech engineer on the two different projects, building an interactive LED matrix in Sensorium
  - Generated concepts and took design decisions in a team environment
  - The installations were one of the main attractions of Imperial Festival, with around 12'000 visitors
- 2014 - 2016 **Rüegg & Suter** | *Zürich* | *Founder of the company*
- Restored and sold vintage motorcycles
- 2014 **An improvising brain** | *Zürich* | *Neuropsychological study*
- Conducted an EEG study about the neural correlates of musical improvisation
  - Awarded as one of the top final year projects by Impuls Mittelschule and exhibited at ETH Zürich

## Awards & Honors

- Judge's Choice** Hackathon about automation within the food industry in conjunction with Founders Factory
- Dean's List** Among the top 10% of my year at Imperial over the last two years of the MEng course
- DESIRE** Design Engineering Selected Innovation Reward winner for my coursework relating to sustainable FMCGs

## Key Skills

- Languages** English (excellent), German (native speaker), Italian (good), French (basic) / Python, HTML
- Software** Solidworks, Adobe Illustrator, Adobe InDesign, PyCharm
- Prototyping** Expertise with rapid prototyping tools and electronic platforms such as Arduino or Raspberry Pi
- Technical Abilities** Trained in metal-, and woodworking. Welding, turning, milling. Experienced in hand / technical drawing
- Interests** Designing and building gadgets, Music, Motorcycles
- Car (B) and motorcycle (A) licence

## Personal Information

- Portfolio** [www.paolofalcoruegg.com](http://www.paolofalcoruegg.com)
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