

# 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.
  - On track for a 1<sup>st</sup> overall
- 2014 **Realgymnasium Rämibühl** / Secondary education
- Bilingual Swiss Matura (Ø = 5.58 of 6) and International Baccalaureate (42 of 45 points)
  - Showed excellent time management skills in handling two degree programmes at once

## 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
- Five week internship over the summer break
  - 3D-, and animation rendering of geometry created in VR
  - Generated content for the subsequent product launch
- 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
- Restoration and sale of vintage motorcycles
  - The company is not active anymore since I have moved to London
- 2014 **An improvising brain** / Zürich / Neuropsychological study
- Conducted an electroencephalography study about the neural correlates of musical improvisation
  - Presented the results to Zürich's commission on education and the city's education board
  - Awarded by Impuls Mittelschule and exhibited at ETH Zürich

## Key Skills

## Personal Information

<b>Languages</b>	English (excellent), German (native speaker), Italian (good), French (basic) / Python, HTML	<b>Portfolio</b>	www.paolofalcoruegg.com
<b>Software</b>	Solidworks, Adobe Illustrator, Adobe InDesign, PyCharm	<b>Telephone</b>	+44 74 902 058 14
<b>Prototyping</b>	Extensive experience with Lasercutting and 3D printing. Expertise with electronic platforms such as Arduino or Raspberry Pi.	<b>Nationality</b>	Swiss / Italian
<b>Technical Abilities</b>	Trained in metal-, and woodworking. Welding, turning, milling. Experienced in hand / technical drawing	<b>Date of birth</b>	17.02.1996
<b>Interests</b>	Designing and building gadgets, Music, Motorcycles	<b>Email</b>	paolo.rueegg@me.com
<b>Driving</b>	Car (B) and motorcycle (A) license	<b>References</b>	Available on request
		<b>Address</b>	Paolo Rüegg 96A Mysore Road London, SW11 5SA