

Benjamin Poilve

Engineer

Infos

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Education

Ecole Centrale Paris 2011 • 2017
Graduated with a specialisation in **advanced systems**.
ENSCI 2013 • 2015
Studied three year in the **industrial designer** cursus.

Experience

Co-funded Seed-Up 2016 • Present
With Paul Poupet, we imagined the concept of a hacker house. Acting as a CTO, I led projects for **Thales**, **Hermes**, **Sanofi**, building a company of **10 people** with up to **half a million** of yearly sales revenue.
Electronics Teacher for the Défis innover Ensemble 2015
Freelance at NoDesign and Azambourg design studio 2015
Internship at NoDesign 2014
Electronics and programmation teacher at the ENSCI 2014
Internship at the Final Assembly Line of the Airbus A340 2012

Proficiency

Electronics Strong **prototyping skills**, both analog and board based from the bench to the fab house. Very good knowledge of sensor/actuator design and uses, and **IOT** solutions

Programming Strong **algorithmic/machine learning knowledge**, mostly using **Python** with Pandas, Sklearn and Keras. Use of Pipenv or Anaconda/Jupyter. Common usage of **OpenCV** and **Dlib**.
Good knowledge of **NodeJS** as well as **HTML/CSS/javascript**.
Common usage of **Linux** and **Openwrt** as well as **AWS**.
Basics in **C/C++**.

Software **Adobe suite**, especially Illustrator and Première pro.
Proficient at **Rhino 3D**.
Used to the control software of **Trotech laser cutter**, G-code generation tools and **CNC software** in general. Proficient use of **Eagle**.

Tools Laser cutter, CNC mill, 3D printers, classic workshop and metalwork tools.

Languages French (native), English (fluent), German (bases)

Interests

I have strong interest in music (I play guitar) as well as in hiking. I am a level 1 diver.