

Education

- 2012 – 2016 **Ecole Centrale Paris**, *Master of Engineering*, Paris, France.
• General engineering with major in Computer Science and minor in Embedded Systems
- 2009 – 2012 **Lycée Joffre**, *Classes Préparatoires*, Montpellier, France.
• Intensive program to prepare for the competitive examinations of French Engineering schools

Work Experience

- Nov. 2016 **Theodo**, *Full-Stack Software Engineer*, Paris, France.
Present Agile software development company based on Lean and Scrum
• Created RESTful APIs using Flask in a microservice architecture
• Built a web application in React consuming those APIs
• Migrated microservices and web applications from external servers to the client's own infrastructure
• Implemented newsletters and integration of an external API on a Symfony2 application
- May 2016 **Thales Alenia Space**, *R&D Intern*, Cannes, France.
Oct. 2016 French satellite manufacturer
• Researched ways of giving more autonomy to satellites
• Implemented a closed-loop control system based on the linear-quadratic regulator to correct the orbit of satellites
• Implemented a simulator in MATLAB to validate the system
- Aug. 2015 **Itzu**, *Co-Founder*, Paris, France.
Oct. 2015 AirBnB rental agency. Sold customer base to a competitor
• Launched the project by building the website and finding early customers
• Found the acquirer of our customer base and led negotiations

Extracurricular Activities

- 2015 – 2016 **Drone Collision Avoidance System**, *6-month project*, Paris, France.
• Integrated depth map generating hardware with a virtual force algorithm
• Calibrated the algorithm with a rolling drone and real world data
• Developed an application to pilot a flying drone that took over the user's controls when an obstacle was considered dangerously close

Programming & Language Skills

Programming Python, Javascript, C++
Languages French (native), English (fluent)