

GIOVANNI MASCIA

Electronic Engineer & Developer

✉ giovanni.mascia89@gmail.com

🌐 giovannimascia.com

🌐 giovannimascia89

EXPERIENCE

CTO

Rideet

📅 Mar 2019 – Present 📍 Reggio-Emilia, Italy

- Development of the world's first universal Smart Assistant for motorcycles – a device which packs inertial sensors and connectivity (WiFi, BLE and cellular) in a small box to install on the bike – that features satellite anti-theft, accident monitoring and notification, trips logging, performance analysis and bike's maintenance management. All the data is available from both mobile apps (Android, iOS) and voice smart assistants (Amazon Alexa).
Learn more at giovannimascia.com/portfolio/rideet.html.
- Design, development and management of the hardware, firmware, mobile app, Alexa Skill and server-side infrastructure required by the product to work.
- Development and management of all the company's IT infrastructure.
- Supervision of the product certification process and production.

Chief R&D Officer

Eggtronic

📅 Aug 2018 – Mar 2019 📍 Modena, Italy

- Management of a research team focused on Capacitive Wireless Power Transfer and high-frequency Power Conversion using innovative patented technologies.
- Design and development of the world's first free-positioning – capacitively wireless powered – 4K TV prototype presented at CES 2019 in Las Vegas.
- Author of five international patents.

Electronic Design Engineer

Eggtronic

📅 Sep 2015 – Aug 2018 📍 Modena, Italy

- Design of innovative applications and proof-of-concept prototypes mainly related to Wireless Power Transfer and high-frequency Power Converters.
- Involvement in most of the planning and important decisions of the Startup.

Research Scholar

Harvard Medical School

📅 Dec 2014 – Jun 2015 📍 Boston, USA

- Different projects mainly focused on the analysis of data collected by means of wearable sensors – from patients who had stroke or sustained a Traumatic Brain Injury – using signal processing, data analysis and machine learning tools.
- Design of insole sensors to reconstruct the distribution of forces during walking assisted by exoskeletons in patients with spine cord injury.

PERSONAL DATA

🏠 Place and date of birth
Italy | October 31, 1989

📍 Residence
Reggio-Emilia, Italy

EDUCATION

M.Sc. in Electrical Engineering

Polytechnic University of Turin

📅 Sep 2012 – Jul 2015

Final grade: 110/110 with Honors

B.Sc. in Electrical Engineering

University of Cagliari

📅 Sep 2008 – Apr 2012

Final grade: 110/110

SKILLS

Hardware Design Embedded Systems
Web Development App Development
PCB Design Product Design

C/C++ RTOS Node JS HTML
CSS Flutter/Dart Python Matlab
SQL Git Bash DevOps Docker

SOFT SKILLS

Dedication Perseverance Flexibility
Organization Problem Solving
Independence Mentoring Creativity
Project Management

INTERESTS

Technology Science Motorcycles

LANGUAGES

Italian
English
Spanish

