

SALATA CARLO

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EDUCATION



Master's Thesis in Nanoelectronics Engineering

京都工芸繊維大学 - **Kyoto Institute of Technology**

📅 Sep 2019 – Mar 2020 📍 Kyoto, Japan

Master Thesis title: *GaNAsBi semiconductors thermal behaviours for new telecommunication laser diodes*



Master's degree Electronic Engineering

University of Padova

📅 Sep 2017 – Apr 2020 📍 Padova, Italy

Final grades: 109/110



Bachelor's degree Information Engineering

University of Padova

📅 Sep 2014 – Jun 2017 📍 Padova, Italy

Thesis title: *Energy Harvesting: Project of a thermoelectric generator*

EXPERIENCE



Field Application Engineer

Canova Tech

📅 Nov 2024 - Ongoing 📍 Padua - Italy

ASIC design support. FPGA development. Demo board development



Automotive IC Test Engineer

Infineon Technologies

📅 Mar 2021 - Nov 2024 📍 Padua - Italy

Automotive grade IC development. DFT concept engineer and Test Program strategy



Electric Hardware Engineer

Ecoprogetti

📅 May 2020 – Mar 2021 📍 Padova, Italy

Product engineer, research and development for Sun Simulators and PV testing instruments. Characterization of Solar cells using LED sources.

SIDE ACTIVITIES



Electronic Design Engineer

TEAM TUMBLEWEED

📅 Nov 2020 - Sep 2022 📍 Wien - Austria

Active role as member of an Aerospace start-up. Electrical Dept.

SOFTSKILLS

Agile Team Work Organization
Flexibility Professionalism
Responsibility MultiTasking
Work Under Pressure

PROFESSIONAL SKILLS

Matlab
Labview
Altium/Kicad
Java
Office



STRENGTHS

• Laboratory equipment

Source Meter Function Generator
Oscilloscope Spectrum Analyzer
PCB Soldering Testing procedure

• Electronic Interests

Organic semiconductors
Nanoelectronics Audio Amplifiers
LED Solar Cell Analog Design
Power Electronics Energy Harvesting

CHARACTERISING EXAMS

Organic Diodes Microelectronics
Analog IC design Biosensors
Optoelectronics μ Wave Design
Analog Design Power Electronics

LANGUAGES

English
Italian
Spanish
Japanese



OTHERS

• Driving License – B
• Basketball Trainer