



SIMONE BARI

CURRICULUM VITAE



Date of birth / 23/08/2000 Age / 25
Place of birth / FASANO (BR)
Nationality/ citizenship / Italy
Via Vittorio Veneto,23, 72014
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Driving licence / B
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FOREIGN LANGUAGE SKILLS



MOTHER TONGUE(S): Italian



ENGLISH
GOOD C1 B2 B2 B2 B1

DIGITAL COMPETENCES

DigComp

Information and data literacy **Proficient user**

Communication and collaboration **Proficient user**

Digital content creation **Independent user**

Safety **Independent user**

Problem solving **Proficient user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** /
Doctoral studies

ECONOMIC SECTOR: **1.** computer science,
data processing and acquisition / **2.**
aeronautics, aerospace, shipbuilding / **3.**
education, training, research and
development

CAREER FIELD: **1.** R&D and patents / **2.**
Engineering and design / **3.** Organization

PREFERRED DISTRICT TO WORK IN: **1.**
PARMA / **2.** MILANO

AVAILABILITY FOR BUSINESS TRAVELS:
Yes, but not often

AVAILABILITY TO RELOCATE ABROAD:
Yes, but only in Europe



WORK EXPERIENCES

Undergraduate Internship
UNIVERSITÀ DI PARMA
*Computer science, data
processing and acquisition*
(PR)
03/2024 - 05/2025

Main activities and responsibilities: Progettazione, realizzazione
schematico e PCB su Altium Designer e prototipazione attraverso
diversi test di un convertitore di tensione custom DC-DC 600-24V,
con potenza di uscita 700W, appositamente pensato per essere
implementato sulla vettura dell'UniPr Racing Team
Employed as: intern/trainee - undergraduate internship | Company
sector: Engineering and design



ACADEMIC STUDIES

PH.D.
2025 - 2028
ONGOING STUDIES



Alma Mater Studiorum - Università di Bologna
Faculty: Automotive Engineering for Intelligent Mobility
Energy Systems, Powertrains, Vehicle Performance - Energy
management/storage systems in electric or hybrid vehicles
Expected graduation date: 2028

MASTER'S DEGREE
2022 - 2025



Università degli Studi di PARMA
Dipartimento di Ingegneria e Architettura
Corso di Laurea Magistrale in Ingegneria Elettronica
LM-29 - 2nd level degree in Electronic engineering
Age at graduation: 24 | Official duration: 2 years
Final degree mark: **110/110**
Graduation date: 16/07/2025

BACHELOR'S DEGREE
2019 - 2022
CERTIFIED TITLE



Politecnico di BARI
Dipartimento di Ingegneria Elettrica e dell'Informazione
INGEGNERIA ELETTRICA E DELLE TELECOMUNICAZIONI
specific field of the degree course: ingegneria elettronica
L-8 - 1st level degree in Information technology
Dissertation/thesis title: SENSORI PER GUIDA AUTONOMA |
Dissertation/thesis subject: FONDAMENTI DI OPTOELETTRONICA
| Thesis supervisor: PASSARO VITTORIO | Dissertation/thesis
keywords: Sensori Sistemi ADAS Self-Driving cars
Age at graduation: 22 | Official duration: 3 years
Final degree mark: **103/110**
Graduation date: 14/12/2022



FOREIGN LANGUAGE SKILLS

English Cambridge Assessment, Cambridge Assessment English,
part of University of Cambridge, 29 Jun 2018 , **Europass level B2**



INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Word Processors: Microsoft Word

APPLICATION SOFTWARE

CAD - Assisted Design: Altium Designer SE (Advanced) , Cadence
(Foundation) , LTSpice (Advanced) | **CAE Software:** MATLAB Partial
Differential Equation Toolbox (Advanced)

COMPUTER PROGRAMMING

Markup languages: LaTeX (Advanced) | **Programming languages:** C (Foundation) , MATLAB (Advanced) , Python (Foundation) , Simulink (Intermediate)



EVENTS / EXHIBITIONS

COLLECTIVE EXHIBITION 2025

Motor Valley Fest
Modena
Character: Membro del reparto di Elettronica



CONFERENCES AND SEMINARS

CONFERENCES 24/09/2024

ESREF2024 , Università di Parma , Parma
www.esref2024.org/



PUBLICATIONS

DEGREE THESIS 2025

Tesista: Simone Bari - Relatore: Carlo Concari, Convertitore di Tensione DC-DC 600-24V in Architettura Flyback
Institution: Università di Parma

DEGREE THESIS 2022

Tesista : Simone Bari - Relatore : Vittorio Passaro, Sensori per la guida autonoma
Institution: Politecnico di Bari



TEACHING ACTIVITIES

LESSONS/LECTURES 2025

Università degli studi di Parma
Attività di tutorato

LESSONS/LECTURES 2025

Crown Packaging Manufacturing Italy S.r.l.
Corso di Formazione
Character: Docente