

PERSONAL INFORMATION



Sebastiano Chiari

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WORK EXPERIENCE

01/04/2020–Present

Scholarship Holder

Università degli Studi di Trento, Trento (Italy)

One month after my degree, I won a 6-months research study grant for recent graduates within the Department of Information Engineering and Computer Science of the University of Trento. The aim and the subject of the activity is the development of a pedestrian simulator based on deterministic and probabilistic models, to be adopted in the framework of autonomous driving.

14/10/2019–16/12/2019

Trainee

Università degli Studi di Trento, Trento (Italy)

I carried out my compulsory internship regarding my course of study (for a total of 225 hours) within the MMLab (Multimedia Signal Processing and Understanding Lab). I worked to improve the functioning of an algorithm for simulating the behaviour of crowds, based on the Social Force Model, using a new metric, crowdedness.

Within this period, I had the opportunity to familiarize myself with programming languages such as Python, Matlab, C #, and improve my knowledge of them, together with programs such as Matlab and Unity, through which I completed my thesis project .

This internship had as final output the production of my degree thesis, under the supervision of Professor Nicola Conci and PhD student Niccolò Bisagno, entitled "**Crowd-Aware Social Force Modeling and Simulation**"

07/2017–07/2019

Photographer

"Suoni di Marca" Festival, Treviso (Italy)

For three consecutive summers, for the duration of the entire festival (about 18 days), I worked as an official photographer for the Suoni di Marca festival, where I had the opportunity to photograph internationally renowned artists, such as The Original Blues Brothers Band, Village People, Moorcheba, Nina Zilli, Raphael Gualazzi, Cheryl Porter, Ex-Otago, Francesco Gabbani.

These experiences allowed me to learn how to manage tight rhythms (delivery of photos the next morning or the same evening for online publication) and to distribute the workload effectively.

06/2017–08/2017

Pizza chef assistant

Pizzeria da asporto "Da Pino", Paese (TV) (Italy)

I worked for three months as a pizza chef assistant in a local takeaway pizzeria. This experience allowed me to learn how to build skills required in the field to complete the tasks assigned to me in the shortest possible time and the ability to act in situations of high stress and pressure, in conjunction with peak times and great workloads.

EDUCATION AND TRAINING

09/2016–16/03/2020

Dottore in Informatica

Università degli Studi di Trento, Trento (Italy)

EQF level 6

By choosing the path in Computer Science and Technology, I acquired knowledge on different programming languages, such as C, C ++, C #, Java, Javascript, Python, Matlab, SML, R and Dart. I learned the fundamentals of computer science, such as probability, statistics, mathematics and physics. I expanded my knowledge by studying multiple applications of computer science, from operating systems, web programming, database's design and management etc.

I worked in groups on various educational projects, including the design and implementation of a web service for shopping trolleys management (with an attached relational database for data management), the creation of a custom shell in Linux, the design of an application UI.

I got my best results (on a scale of 18 to 30) in:

- Software Engineering 2 (30L)
- Logic (29)
- Introduction to web programming (28)
- Formal languages and compilers (27)

My bachelor degree ended with a thesis in the field of Computer Vision. The investigation area was one of its applications, crowd modelling and simulation, which led to the writing of my thesis entitled "**Crowd-Aware Social Force Modeling and Simulation**".

09/2011–07/2016

Diploma di maturità classica

EQF level 4

Liceo Ginnasio A. Canova, Treviso (Italy)

I expanded the classical education also in the scientific field thanks to courses proposed by my school (introduction to biotechnology, introduction to neuroscience, bioethics project, master class of quantum physics at UniUD).

I participated in a project promoted nationally on the occasion of the centenary of the First World War, the result of which resulted in an exhibition at a Confindustria site and in the publication of a catalogue of the exhibition itself (of which I took care of the graphic design and typographic layout).

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
Cambridge First Certificate B2					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital skills - Self-assessment grid](#)

Advanced mastery of the Office suite (Word, Excel, PowerPoint) and the correspondent MacOS suite (Pages, Numbers, Keynote).

Advanced mastery of the Adobe suite (in particular, AfterEffects, Audition, Illustrator, Lightroom, Photoshop, Premiere) and other video editing softwares, such as DaVinci Resolve and Final Cut Pro X.

Programming languages: C, C++, C#, Java, JavaScript, Python, Matlab, SML, R, Dart

Intermediate knowledge of graphic engines: Unity, Unreal Engine

Other skills

I am an **amateur photographer** who has made photography his greatest passion. I manage a YouTube channel and an Instagram profile in which I share this hobby with my audience. As a landscape photographer, I produce videos while I'm out in the mountains taking the photographs I'll share afterwards. Thanks to this, I was able to collaborate together with important brands operating within the world of photography, such as Leica, Eizo, BenQ, Saal Digital.

I have always been passionate about music and I studied for 10 years orchestral percussions in a local music institute. I carry out an intense professional concert activity as a percussionist and drummer with some realities of the territory in which I live (ex. Gruppo d'Archi Veneto). This allowed me to increase and improve my ability to work in a team and to perform at my best in situations of strong stress and emotional impact.