

Gabriele Sarti

Via Vittorio Bottego 2, 34123, Trieste, Italy

☎ (+0039) 338 700-5065 | ✉ gabriele.sarti996@gmail.com | 🏠 gabrielesarti.com | 📱 gsarti | 🌐 gabrielesarti

Education

University of Trieste, International School of Advanced Studies (SISSA)

Master of Science (MSc.) in Data Science and Scientific Computing

Trieste, Italy

October 2018 - Present

- Excellence admission scholarship from International School of Advanced Studies.
- Data Science track, courses are entirely in English.

CÉGEP of Saint-Hyacinthe

Collegial Studies Degree (DEC) in Software Development and Management - R score 34.134

Saint-Hyacinthe, Canada

August 2015 - May 2018

- Valedictorian of Software Development and Management class of 2018. Courses were entirely in French.
- Graduated with work-study mention with final internship under the supervision of Prof. Hugo St-Louis.

G. Galilei Scientific Lyceum

Scientific Lyceum Degree in Applied Sciences - 97/100

Trieste, Italy

September 2010 - July 2015

- Final thesis "Behavioral Game Theory: Ius Gentium of Our Era"

Experience

Skytech Communications

Internship in Machine Learning and Data Analytics

Montreal, Canada

February 2018 - June 2018

Development of an handwritten characters recognition system based on a convolutional neural network architecture using Tensorflow and Keras. Creation of a sentiment analysis application for University of Montreal to filter out offensive comments in student feedback forms.

Groupe CTT Group Technology Transfer Center

Three internships in Software Testing and Software Development

Saint-Hyacinthe, Canada

October 2015 - August 2017

- Development and optimization of a C++ application used for 3D modeling of textile composites.
- Creation of a verification process for a software used to validate lab analysis on geosynthetic products.
- Development and optimization of an ERP local website used to manage the center's organizational aspects.

Skills

Domain Knowledge

Web Dev, Agile, SCRUM, Databases and optimized querying, UI & UX

Frameworks

.NET, Tensorflow, Keras, Entity, Scikit-learn, Pandas, Numpy, NLTK

Languages

Italian (main), French (~C2), English (~C1), Spanish (~B2)

Tech Tools

Visual Studio, Jupyter Notebook, Git, Python, C#, C++, Java, SQL, R

Talks

The Impact of AI on Education

GABRIELE SARTI & ALEXANDRE BRUNET, June 7, 2018, Saint-Hyacinthe (CA)

38th Symposium of Quebec Association of Collegial Pedagogy (AQPC)

Participation in a research project on using preforms in manufacturing composite components

GABRIELE SARTI, May 10, 2016, Montréal (CA)

84th Congress of French-Canadian Association for the Advancement of Science (ACFAS)

Extracurricular Activity

Political and Social Engagement

Student Representative

Data Science and Scientific Computing MSc. at University of Trieste

2018-2020

Vice-President

Collegial Student Federation of Québec (FECQ) Institutional Affairs Committee (CTAI)

2017

- Coordinate the review process for FECQ official documents.

President

CÉGEP of Saint-Hyacinthe Student Union (RÉÉCSH) Executive Committee

2017-2018

- Managing an annual budget of roughly 200 000 CA\$ for the 5000 members of the Union.
- Assembly president for executive and administrative board meetings.
- Official spokesperson for the students of CÉGEP of Saint-Hyacinthe.

Coordinator of Sociopolitical Affairs

CÉGEP of Saint-Hyacinthe Student Union (RÉÉCSH) Executive Committee

2016-2017

- Promote students' mobilisation and involvement in social and political activities.
- Devise social and political activities with Union's partners.

Volunteer

AFS Intreculture Canada, Intercultura Italia

2015- Present

Awards and Certificates

- *Top Writer 2018*, Quora Italia
- *Hydro-Québec Preseverance Scholarship for IT Students*, CÉGEP of Saint- Hyacinthe, 2016
- *C2 Level in French Knowledge Test (TCF)*, Alliance Française Trieste, 2014

Massive Open Online Courses

Online

- *Introduction to Computer Science and Programming Using Python*, MITx, March 2016
- *Introduction to the Internet of Things and Embedded Systems*, University of California Irvine, May 2016
- *The Arduino Platform and C Programming*, University of California Irvine, May 2016
- *Interfacing with the Arduino*, University of California Irvine, June 2016
- *The Raspberry Pi Platform and Python Programming*, University of California Irvine, July 2016