

Francesco Andrea Antoniazzi

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Focused on the development and implementation of algorithms, creation and customization of software products using several programming languages and tools. Acknowledged for the quality of the results achieved in quick time, reliability and problem-solving. Areas of interest: implementation of algorithmic solutions, cryptography and DBMS system administration, enhance business opportunities.

Education

- **Master Degree in Computer Science** | Ca' Foscari University (VE) | Sept. 2018 to present
Branch: Software Dependability and Cyber Security – **Current Average: 30.00**
Core modules: Software performance, Software correctness, Information Retrieval and Web Search, Advanced Algorithms, Calculus and Optimization.
- **Semester of study** | Masaryk University of Technology, Brno | September 2018 to January 2019
Final score: A
Core modules: Theoretical Cryptography, Applied Cryptography, Security, Advanced Networking, Introduction to HDL.
- **Bachelor Degree in IT** | Ca' Foscari University (VE) | Sept. 2015 - Apr. 2018 (early session)
Final score: 110 cum laude
Core modules: Advanced Algorithms and data structures, Calculus, Algebra, Software Development, object-oriented programming, Relational databases, Web Design, Operating systems, Networking, Probability and Statistics, Calculability and Formal Languages. Thesis: Analisi della Mobilità nella Città di Venezia.
Scholarship Merit Award: [third top student of the course](#).
- **Scientific high school** | Liceo Scientifico G.B. Benedetti, Venice | June 2015
Final score: 90/100 with merit note

Work Experiences

- **Web Developer – CyberPosture project** | September 2019 to present | Mira, Italy
 - Understood the needs of the client and the requirements for the project
 - Developed the back-end using Django framework and front-end using Bootstrap, JS and JQuery
 - Designed the user interface to be intuitive and effective
- **Web Developer – Edizioni Ca' Foscari** | April 2018 to present | Venice, Italy
 - Added functionalities a Python3/Django platform
 - Improved the graphical structure of the website using HTML5, CSS, JS
 - Ensured strategy alignment within the team
- **Mobile Developer – Ca' Foscari University** | May 2018 - September 2019 | Venice, Italy
 - Designed and developed a web-app using Ionic framework
 - Designed and maintained the project server and the noSQL database
 - Displayed and handled geo-localized data (GIS)
- **University Tutor - Ca' Foscari University of Venice** | A.A 2016/2017
 - Prepared tutoring sessions to ensure the tutees' academic development and assess progress
 - Helped students improve their development and problem-solving skills using C and F#
- **Tutor [Math, Physics, English]** | from 2011 to present | Venice, Italy
 - Worked with high-school tutees to develop academic and tutoring plans that fit the student's individual needs
- **Frontend Developer** | September 2017 | Venice, Italy
 - Developed a website using WordPress

Language skills

Italian Native speaker

English B2 level (upper-intermediate)

Education Abroad

2014 | NASA Moonbuggy Challenge - **Germany**

2019 | Erasmus Program – **Masaryk University, Brno (CZ)**

Known Programming Languages

- Advanced knowledge of Python, Django, C, Java, SQL, HTML (Bootstrap), CSS, JavaScript
- Good knowledge of PHP, F# and NoSQL DB (in particular MongoDB)
- Basic knowledge of R, Bash e Assembly, Flutter, GIS systems

Technical skills

- Desktop and Mobile application development
- Knowledge over data structures and algorithms
- Good knowledge of math, statistic and cryptography

Extracurricular Activities

- Aereal shots using drones
- Reading books for start-ups and business development
- Sim-racing

