



# Elena Camuffo

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📄 <https://www.linkedin.com/in/elena-camuffo-72231714a/> 🎓 Scholar: Elena Camuffo  
Female | May 15, 1997 | Italian

## LANGUAGES

- ❖ English (C1)  
Trinity College London certificate B2 (2015)
- ❖ French (A2)

## PERSONAL SKILLS

- ❖ **Computer skills:**
  - ♦ **Advanced:** MATLAB®, LaTeX, Microsoft Office, Unity3D, Gimp, Python, Photoshop, Blender, C/C++, C#, HTML, Java.
  - ♦ **Intermediate:** Singularity, Slurm scheduler, ROS, PostgreSQL, Unix, Bash, OpenGL, Git.
  - ♦ **Basic:** Mathematica, Zbrush.
- ❖ **Soft skills:**
  - ♦ Public Speaking
  - ♦ Teamworking
  - ♦ Self-motivation
  - ♦ Work under pressure
  - ♦ Time management

## OTHER EDUCATIONAL EXPERIENCES

- ❖ **Seasonal School "AIRONE"**  
Scuola Superiore S. Anna, Pisa (IT).  
Topic: Artificial Intelligence, Robotics and Extended Reality.  
Final grade: 30/30 cum laude  
**Awarded scholarship grant** "Il talento all'opera", winner, 2021.
- ❖ **International Computer Vision Summer School (ICVSS) 2022.**

## WORK EXPERIENCE

- PhD in Information Engineering** - University of Padova Oct 21 - Present
- Supervisor: Prof. Simone Milani.
  - Topic: Advanced Learning Strategies in Point Cloud Semantic Segmentation.
- Unity3D VR Expert** - Uqudo S.R.L. (Padova, Italy) Sep 22 - Present
- Description: Collaboration with Uquido S.R.L. for developing a VR project with Unity3D.
  - Role: Technical consultant for Unity3D C# programming for VR applications.
- Teaching Assistant** - University of Padova Sep 20 - Present
- Master courses: 3D Augmented Reality (A.Y. 20-21, 21-22, 22-23), Digital Forensics (A.Y. 20-21), Digital and Interactive Multimedia (A.Y. 21-22), Usability and User Experience (A.Y. 21-22).
- Research Intern** - LTTM laboratory (University of Padova) Jul 19 - Sep 19  
Mar 21 - Sep 21
- Internship for both Bachelor's and Master's final thesis projects.
- Web Developer** - Technode S.R.L. (Padova, Italy) Jun 14 - Jul 14
- Description: Internship. Work as a front-end web developer.
  - Programming languages: HTML, CSS, JavaScript, .NET.

## EDUCATION AND TRAINING

- MSc ICT for Internet and Multimedia** - University of Padova Sep 19 - Sep 21  
Final grade: 110/110 cum laude (GPA: 30/30)  
Final project: Curriculum and Contrastive Learning in LiDAR Semantic Segmentation
- Supervisors: Prof. Simone Milani (University of Padova) and Dr. Umberto Michieli (University of Padova and Samsung Research UK).
- BSc in Information Engineering** - University of Padova Sep 16 - Sep 19  
Final grade: 102/110
- Final project: Mixed Reality Applications in Medical Therapy
  - Supervisors: Prof. Simone Milani (University of Padova) and Dr. Alberto Tono, Hannah Luxenberg Tono from Dreamship Studios and Tactic (San Francisco, California, USA).
- High school diploma** Sep 11 - Jul 16  
Liceo Scientifico Statale Giuseppe Berto, Mogliano Veneto (TV)  
Final grade: 93/100

## PUBLICATIONS

- [J1] Elena Camuffo, Daniele Mari and Simone Milani, "Recent Advancements in Learning Algorithms for Point Clouds: An Updated Overview", Sensors 22.4 (2022): 1357.
- [C1] Elena Camuffo, Luca Gorghetto and Leonardo Badia, "Moving Drones for Wireless Coverage in a Three-Dimensional Grid Analyzed via Game Theory", 2021 IEEE Asia Pacific Conference on Circuit and Systems (APCCAS), 41-44.
- [C2] Elena Camuffo, Federica Battisti, Francesco Pham and Simone Milani, "3D Model Optimization for Immersive and Interactive Applications", 2022, accepted at European Workshop of Visual Information Processing (EUVIP).

## PROJECTS

- "It's girls' DEI", organizer and speaker. (2020).

## HONOURS AND AWARDS

- Best student presentation award at APCCAS (2021).
- Winner of Seasonal School "AIRONE", Scuola Superiore S. Anna, Pisa (2021).
- Awarded scholarship grant, ARCA enel (2016).
- Semi-Finalist at Olympic Math Games, Cesenatico (2015).