Remi CHIERCHIA

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Education

KTH Royal Institute of Technology   **Stockholm, Sweden**
University of Trento   **Trento, Italy**
EIT Digital – Double Master's Degree in Visual Computing Communication – 110 cum laude/110 Sep-20 – June-22
Thesis: *Sub-frame Synchronisation and Motion Interpolation for Panoramic Video Stitching*
Coursework: Signal Processing, Computer Vision, Recognition Systems, Image Forensics, Computer Graphics

University of Trento   **Trento, Italy**
Bachelor's Degree in Information and Communications Engineering – 100/110   Sep-17 – Sep-20
Thesis: *Tennis Player Analysis – Bio-mechanical Model and Computer Analysis*
Coursework: Signal Processing, Electronics, Electromagnetic Waves, Computer Vision, Statistics/Probability

Experience

Tracab   **Stockholm, Sweden**
Junior Computer Vision Developer - Freelancer   Nov-21 – Ongoing
– Comparison of video encoding standards H264-H265 for systems upgrade
– FFMpeg and OpenCV to assess the accuracy of qualitative, perceptual, and tracking systems (DLLs building)

EVCO S.p.a.   **Sedico, Italy**
Electronics Intern   May-16 – July-16
– Spreadsheet softwares and manual duties
– Electronic components soldering and computer tasks

Projects

Analysis and Search of Visual Data   Sep-21 – Oct-21
– Image feature matching, hierarchical tree search, image classification
– SIFT, SURF, TF–IDF, CNN were some of the methods used

Skeletal Animation   Nov-20 – Jan-21
– C++ game engine for skeletal animation
– JSON pose information files and OpenGL libraries were used

Image Forensics lab   Sep-20 – Nov-20
– Forensic digital watermarking in MATLAB
– Analysis focused on embedding quality and robustness methods

Mouse and VGA drivers   June-18 – Nov-18
– VHDL mouse and VGA drivers for FPGA
– The project was developed on a Nexys-4 ddr board

Additional Information

Achievement: EIT Digital Master School Scholarship
Technical skills: C++, OpenCV, Python, MATLAB
Language: Italian (native), English
Interests: Climbing and mountain sports – applied for the alpine rescue team, football – several years of playing, motorcycles – not yet owner
Website: remichierchia.github.io