Alessandro Mascherin



Experiences

Associate Researcher

11/2019 - Present CERL Group - Politecnico di Torino

Research fields: Virtual Reality application, Brain-Computer Interfaces, implementation in C++ of complex mathematical models

Internship

01/2016 - 07/2016 Elimos S.r.l.

C/C++ application for a custom Raspberry Pi platform

Education

Master degree in Computer Engineering

2016 - 2019 Politecnico di Torino

Final grade: 110/110

Thesis: On an Computationally Empowered Virtual Reality System for Real Time Intracranial

Neuronavigation

Bachelor degree in Information Engineering

2013 - 2016 Università degli studi di Trieste

Projects

Keep Distant! - Unity game submission for the itch.io StayAtHome GameJam

Make the Wall Great Again - Unity game submission for the 2020 Global GameJam.

OpenCV Assistant - OpenCV face recognition algorithm, integrated with Google Assistant

The Wizard - Short animated video made in Blender 2.79

NVIDIA PhysX Demo "Armadillo Game" - Interactive application based on the low-level C++ API *NVIDIA PhysX*

BookAround - Android book sharing application made with Firebase, Google Books API, RxJava and RxKotlin to track live mutable data

AlienAR - Augmented Reality life-simulation game made with **Unity3D** and the Preview 2 version of **Google ARCore**.

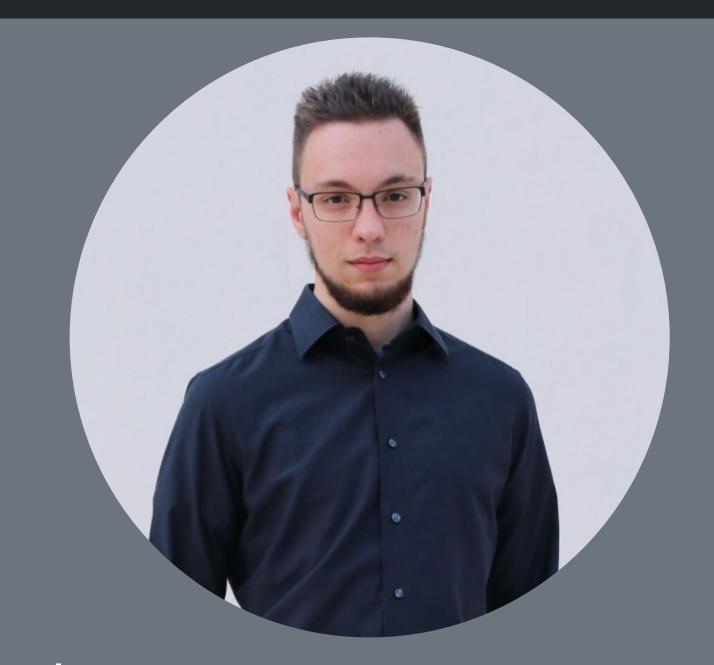
</> Computer Skills

Basic Knowledge:HTML, mySQLIntermediate Knowledge:Java, Kotlin, DartAdvanced Knowledge:C++, C#, Python

Software and Libraries

Basic Knowledge: Unreal Engine, Google ARCore, Oculus SDK, OpenCV, MedInria Intermediate Knowledge: Git, Visual Studio, MATLAB, Blender, Brainstorm, Paraview

Advanced Knowledge: Unity3D, SteamVR



About me

Associate researcher at Politecnico di Torino, working for some prestigious international projects. Currently looking for opportunities to continue my career growth and to best use my skills and passions.

Contact me at: amascherin@gmail.com

Languages

English (Fluent)
Italian (Native)

Interests

Travelling

VR/AR Applications

Hiking

Gaming

Animals

Soft Skills

Adaptability

Problem Solving

Flexibility

Teamwork