

# Shriarulmozhivarman G C

Computer Vision Researcher | PhD Candidate in Computer Vision

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## EDUCATION

VIENNA, AUSTRIA

Jul., 2023 - Present

Vienna University of Technology

**Doctoral programme in Computer Sciences (PhD)**

Specialization: Computer Vision

LE CREUSOT, FRANCE

Sep., 2020 - Sep., 2022

University of Burgundy

**Masters of Science – Computer Vision**

Specialization: Vision and Robotics

Thesis: Robust RGB-Depth images Fusion for Salient Object Detection

VILNIUS, LITHUANIA

Sep., 2015 - Jun., 2019

Vilnius Tech

**Bachelor of Science – Mechatronics**

Specialization: Mechatronics and Robotics

Thesis: Design Of Collaborative Indoor Robots

## WORK EXPERIENCE

VIENNA, AUSTRIA

Mar., 2023 - Present

Austrian Institute of Technology

**Doctoral Candidate**

**Topic:** Spatial AI model learning by exploiting joint appearance and geometric cues

DIJON, FRANCE

Feb., 2022 - Jul., 2022

Imagerie et Vision Artificielle (ImViA) University of Burgundy

**Research Internship, Supervisor : Prof.Dr.Cédric Demonceaux**

**Topic:** RGB-Depth Fusion for Salient Object Detection

LE CREUSOT, FRANCE

Jul., 2021 - Sept., 2021

Imagerie et Vision Artificielle (ImViA) University of Burgundy

**Computer Vision Internship**

COIMBRA, PORTUGAL

Jul., 2018 - Sept., 2018

Ingeniarius

**Robotics Internship**

## PUBLICATIONS

PRAGUE, CZECH REP.

Sep., 2022

**10th International Conference on 3D Vision**

Robust RGB-D Fusion for Saliency Detection (Poster)

Deployed Hugging Face space of the paper

## ACHIEVEMENTS

Sep., 2020 - Sep., 2022

**15th Batch of International Programme in Vision roBOTics (VIBOT)**

Best Student of the Year 2020 - 2022

## SKILLS AND ABILITY

**Programming Languages:** Python, Matlab.

**Machine Learning Tools:** PyTorch, Sklearn, Tensorflow, PyTorch Lightning.

**Computer Vision Tools:** OpenCV, PIL, Matlab Image Processing Toolbox.

**Operating Systems:** Linux, ROS, ROS2.

**Hardware Tools:** Arudino, Raspberrypi, Jetson Devices.

**CI/CD Tools:** Git, Git Actions, Docker, Streamlit, Gradio.

**Languages:** English-*CI*, Tamil -*Native*