

Udaranga Wickramasinghe

Doctoral Student,
School of Computer and Communication Sciences,
École Polytechnique Fédérale de Lausanne,
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1024 Ecublens, Switzerland.
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Fields of Interest

Computer Vision, Machine Learning.

Education

PhD in Computer Science

École Polytechnique Fédérale de Lausanne
Supervisor: Prof. Pascal Fua

2017 - Present
Lausanne, Switzerland

Master of Science

Major: Computer Science
École Polytechnique Fédérale de Lausanne
GPA: 5.64/6.0

2014 - 2017
Lausanne, Switzerland

Bachelor of the Science of Engineering

Major: Electronics and Telecommunication Engineering
University of Moratuwa
GPA: 3.98/4.2 (First Class Honors)

2009 - 2014
Moratuwa, Sri Lanka

G.C.E Advanced Level Examination

National Rank: 5 (from among ~24,500 students)

2008
Sri Lanka

Publications[\[link\]](#)

U. Wickramasinghe, G. Knott, P. Fua, “Deep Active Surface Models,” in preprint arXiv:2011.08826, (submitted to *CVPR* 2021) [\[link\]](#).

U. Wickramasinghe, E. Remelli, G. Knott, P. Fua, “Voxel2Mesh: 3D Mesh Model Generation from Volumetric Data,” in *International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI)*, 2020 [\[link\]](#).

U. Wickramasinghe, G. Knott, P. Fua, “Probabilistic Atlases to Enforce Topological Constraints,” in *International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI)*, 2019 [\[link\]](#).

Work Experience

Intern

Supervisor: Dr. Romain Rossier

Aug 2016 - May. 2017
Innovview

Intern

Supervisor: Dr. Wyss Reto

March 2016 - Aug. 2016
ViDi Systems (Cognex Switzerland)

Research Assistant

Supervisor: Prof. R.D.Hersch

Sept. 2014 - Jan. 2016
LSP - EPFL

Summer Intern

Supervisor: Prof. R.D.Hersch

July 2012 - Dec. 2012
LSP - EPFL

Teaching Experience

Computer Vision

Spring Semester

2018, 2019, 2020

EPFL

Linear Algebra

Fall Semester

2019, 2020

EPFL

Scholarships and Grants

Swiss National Science Foundation grant.

Sep. 2017 - Aug. 2020

M.Sc Research Scholarship, IC-EPFL

Sep. 2014 - Jan. 2016

Dean's list in semester 1, 2, 3, 4, 7 and 8, University of Moratuwa

2009 - 2014

Dialog Merit Scholarship for Engineering Undergraduates, University of Moratuwa

2010 - 2013

Mahapola Scholarship for Engineering Undergraduates, University of Moratuwa

2009 - 2013

Technical Skills

Programming languages : Proficient - Python, Matlab

: Familiar with - C/C++, Java, Android, C#

Language Skills

Sinhalese : Native language

English : Fluent