

# Udaranga Wickramasinghe

Doctoral Student,  
School of Computer and Communication Sciences,  
École Polytechnique Fédérale de Lausanne,  
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

<b>Computer Vision</b>	2018, 2019, 2020
<i>Spring Semester</i>	EPFL
<b>Linear Algebra</b>	2019, 2020
<i>Fall Semester</i>	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