

# Udaranga Wickramasinghe

Doctoral Student,  
School of Computer and Communication Sciences,  
École Polytechnique Fédérale de Lausanne,  
<https://udaranga.github.io>

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## Fields of Interest

Computer Vision, Machine Learning.

## Education

<b>PhD in Computer Science</b> ( <i>attending</i> ) École Polytechnique Fédérale de Lausanne Supervisor: Prof. Pascal Fua	2017 - Present Lausanne, Switzerland
<b>Master of Science</b> <i>Major:</i> Computer Science École Polytechnique Fédérale de Lausanne <i>GPA:</i> 5.64/6.0	2014 - 2017 Lausanne, Switzerland
<b>Bachelor of the Science of Engineering</b> <i>Major:</i> Electronics and Telecommunication Engineering University of Moratuwa <i>GPA:</i> 3.98/4.2 (First Class Honors)	2009 - 2014 Moratuwa, Sri Lanka
<b>G.C.E Advanced Level Examination</b> <i>National Rank:</i> 5 (from among ~24,500 students)	2008 Sri Lanka

## Publications

**U. Wickramasinghe**, G. Knott, P. Fua, “Deep Active Surface Models,” in *Conference on Computer Vision and Pattern Recognition (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

<b>Intern</b> <i>Supervisor:</i> Dr. Romain Rossier	Sept. 2016 - May. 2017 Innovview
<b>Intern</b> <i>Supervisor:</i> Dr. Wyss Reto	March 2016 - Aug. 2016 ViDi Systems (Cognex Switzerland)

## Teaching Experience

Computer Vision	IC - EPFL
Linear Algebra	EPFL

## Technical Skills

Programming languages : Proficient - Python (PyTorch), Matlab  
: Familiar with - C/C++ (CUDA), Java, Android, C#