

Pamuditha Udaranga Wickramasinghe

Doctoral Student
School of Computer and Communication Sciences
École Polytechnique Fédérale de Lausanne
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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 <i>Major:</i> Computer Science École Polytechnique Fédérale de Lausanne <i>GPA:</i> 5.64/6.0	2014 - 2017 Lausanne, Switzerland
Bachelor of the Science of Engineering <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
G.C.E Advanced Level Examination <i>National Rank:</i> 5 (from among ~24,500 students)	2008 Sri Lanka

Selected Publications

- 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,
- 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,
- A. Perera, **U. Wickramasinghe**, V. Nik, J. Scartezzini, “Introducing reinforcement learning to the energy system design process,” in *Applied energy*, 2020,
- A. Perera, **U. Wickramasinghe**, V. Nik, J. Scartezzini, “Machine learning methods to assist energy system optimization,” in *Applied energy*, 2019,

Work Experience

Intern <i>Supervisor:</i> Dr. Romain Rossier	Aug 2016 - May. 2017 Innovview
Intern <i>Supervisor:</i> Dr. Wyss Reto	March 2016 - Aug. 2016 ViDi Systems
Research Assistant <i>Supervisor:</i> Prof. R.D.Hersch	Sept. 2014 - Jan. 2016 LSP - EPFL
Summer Intern <i>Supervisor:</i> Prof. R.D.Hersch	July 2012 - Dec. 2012 LSP - EPFL

Achievements and Scholarships

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++, Java, C

Language Skills

Sinhalese : Native language
English : Fluent