Udaranga Wickramasinghe

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

Permanent Address
Chemin des Triaudes 4,
1024 Ecublens, Switzerland.
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Fields of Interest

Computer Vision, Machine Learning.

Education

PhD in Computer Science (*attending*) — 2017 - Present
École Polytechnique Fédérale de Lausanne — Lausanne, Switzerland
Supervisor: Prof. Pascal Fua

Master of Science — 2014 - 2017
Major: Computer Science — Lausanne, Switzerland
École Polytechnique Fédérale de Lausanne
GPA: 5.64/6.0

Bachelor of the Science of Engineering — 2009 - 2014
Major: Electronics and Telecommunication Engineering — Moratuwa, Sri Lanka
University of Moratuwa
GPA: 3.98/4.2 (First Class Honors)

G.C.E Advanced Level Examination — 2008
National Rank: 5 (from among ∼24,500 students) — 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

Intern — Sept. 2016 - May. 2017
Supervisor: Dr. Romain Rossier — Innoview - Switzerland

Intern — March 2016 - Aug. 2016
Supervisor: Dr. Wyss Reto — 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#