RESUME

Education

Secondary school: Greek - Mathematics (class of 2008, cum laude)
at the Sint-Barbara College, Ghent, Belgium

University: Bachelor of Science (class of 2011, magna cum laude)
in Computer Science Engineering
at Ghent University, Ghent, Belgium

Master of Science (class of 2013, summa cum laude)
in Computer Science Engineering: ICT
at Ghent University, Ghent, Belgium

Work history

Internship at Bell Labs Antwerps (formerly Alcatel-Lucent, now Nokia)
Summer of 2012
On 3D reconstruction of faces from video

PhD student at the TELIN department of Ghent University
Fall 2013 - present day
Research on passive 3D reconstruction and machine intelligence
TA'ing 'Optimization Techniques' and 'Computer Graphics'
Counseling thesis students

Hobbies and free time

Sports
I practice several on a recreational level, and coach the youth of
the local table tennis club.

Programming
I maintain a game client for an MMO (Salem) and pursue various
personal projects.

https://github.com/DonnEssime

https://bitbucket.org/Doness

Simon Donné

Personalia

+32 495 75 86 85

Eikvarenweg 44
B9031 Drongen
Belgium

donnesimon
@gmail.com

December 28th,
1990 in Deinze

Belgian

Not married

Type B license

Languages

Dutch   (native)
English (full proficiency)
French   (limited)
German (limited)

Java
C/C++ and CUDA (basics)
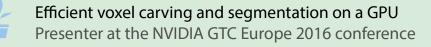C#
Matlab
Python (basics)
LaTeX

SCIENTIFIC OUTPUT

MATE: Machine Learning for Adaptive Calibration Template Detection
First author of the journal paper in MDPI Sensors 2016

Real-time Machine Vision with GPU-acceleration using Quasar
Co-author of the conference paper at Electronic Imaging 2016

Efficient n-body simulations for galaxy simulations on GPU
Presenter at the HiPEAC Computing Systems week Fall 2016

Efficient voxel carving and segmentation on a GPU
Presenter at the NVIDIA GTC Europe 2016 conference

Machine Learning for Maize Plant Segmentation
First author of the conference paper at BENELEARN 2016

3D Reconstruction of maize plants in the PhenoVision system
Presenter at the Knowledge For Growth 2016 conference

Quasar: a new programming framework for real-time image and video processing on GPU and CPU
Co-author of the conference paper at ICDSC 2015

Point triangulation through polyhedron collapse using the l∞ norm
First author of the conference paper at ICCV 2015

Fast and Robust Variational Optical Flow for High-Resolution Images using SLIC Superpixels
First author of the conference paper at ACIVS 2015

Variational Multi-image Stereo Matching
First author of the conference paper at ICIP 2015

On-line Non-rigid Structure-from-Motion based on a Keyframe Representation of History
First author of the conference paper at VISAPP 2014

Simon Donné

Personalia

+32 495 75 86 85

Eikvarenweg 44
B9031 Drongen
Belgium

donnesimon
@gmail.com

December 28th,
1990 in Deinze

Belgian

Not married

Type B license

Languages

Dutch   (native)
English (full proficiency)
French   (limited)
German (limited)

Java
C/C++ and CUDA (basics)
C#
Matlab
Python (basics)
LaTeX