John Gliksberg

Aged 23, born 25 June 1994
2 place Verte, 91680 Bruyères-le-Châtel, France

+33 6 40 60 76 95 — john.gliksberg@uvsq.fr

Native speaker in French & English, improving in Spanish
Driving licence and vehicle

> PhD Thesis
> NEW ROUTING ALGORITHMS FOR
> HETEROGENOUS EXASCALE SUPERCOMPUTERS

Education

2016 **M.Sc. High Performance Computing & Simulation**
Université de Versailles Saint-Quentin-en-Yvelines (UVSQ)

2014 **B.Sc. Mathematics & Physics**
Université de Versailles Saint-Quentin-en-Yvelines (UVSQ)

2011 **Scientific Baccalaureate OIB** (international option)
Lycée de Sèvres (SIS)

2010 **Certificate of Proficiency in English** (CPE) — **C2 level English**
University of Cambridge

Portfolio

Languages : **C, C++, Python 2/3**, Lua, Go, Scilab, Fortran, CUDA
Libraries : **BXI**, BLAS, LAPACK, VTK, MPI, OpenMP
Tools : GNU/Linux, POSIX Shell, Vim, Makefile, LaTeX, Git, Paraview
Misc : HTML5/CSS3, ECMAscript, PHP, SQL

Professional activities

2016 — **BuLL/Atos**, Bruyères-le-Châtel — **UVSQ**, Versailles — **UCLM**, Albacete, España
Research/Industry Ph.D. Thesis
HPC interconnect routing state of the art,
Implementation of a fat tree routing algorithm for BXI Fabric Management

2016 **Dassault Systèmes**, Vélizy-Villacoublay
6-month full-time intership — research engineer
Model order reduction for deformable body simulation

2015 **Scilab-Enterprises**, Versailles
4-month full-time internship — open-source software developer
Scilab industrial modules development, contribution to Scilab 6

2014 **GEMaC-CNRS-UVSQ** physics laboratory, Versailles
6-month part-time internship
"Visual study of phase transitions in monocrystals"

2013 — 2015 **CEREL @ UVSQ**, English tutor and teacher
Group tutoring, individual classes for deaf students

Extracurricular activities

2014 — 2015 Coordinator and co-founder of the Seventy-Eighters student society @ UVSQ

2013 — 2015 Student representative at the Faculty Council @ UVSQ

Drawing	Reading, cinema (SF)	Table tennis, badminton, wall climbing
Music (electronic, bossa nova, jazz)	Project Euler	Procedural animation