

Kevin Dethoor

Double Degree Graduate in Engineering

Born in Brussels on May 18, 1993

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Education

- Sep 2014 – Present **Double master's degree**, *Graduate School of Science and Technology, Keio University, Japan, and Ecole Polytechnique de Bruxelles, Université Libre de Bruxelles (ULB), Belgium*
- **M.Sc. in Engineering – Human-computer interface research**, *Keio University*
MEXT government scholarship recipient for 2 years and member of Sugimoto-Sugiura Laboratory
Research: AR multi-body interface for ergonomic assessments – Tools: Unity, HoloLens and Optitrack
Studied fields: mixed reality, ergonomics, computer vision, software engineering
Expected GPA: 3.9
 - **M.Sc. in Electrical Engineering – Electronics and information technologies**, *ULB*
Year project: data collection with ETRO-VUB for a 3D facial expression database – Tools: C# , Kinect
Studied fields: analog and digital circuit design (CMOS), microprocessors, FPGA (VHDL), sensors, signal processing, telecommunications, networks, control systems
Expected grade: summa cum laude, A (ECTS)
- Sep 2014 – Dec 2014 **Entrepreneurship Boostcamp**, *Microsoft Innovation Center, Brussels*
Intensive program for IT start-ups to help them launch their business. Joined as part of a 4-person team, with a bar promotion project. Developed the Android app and assisted with the business model design.
- Sep 2011 – Jun 2014 **B.A.Sc. in Engineering**, *Ecole Polytechnique de Bruxelles, ULB*
Grade: magna cum laude, A (ECTS)

Technical skills

Programming	C#, C++, Java, Matlab, Python, \LaTeX	Electronics	VHDL, Assembly
Softwares	Git, Unity, Motive, Office	Libraries	OpenCV

Work experience

- Oct 2016 – May 2017 **R&D Intern**, *FOVE Inc., Tokyo*
Researched optics and algorithms related to computer vision (mainly eye-tracking and camera calibration). Implemented them using C++, OpenCV and Matlab.
- Jul 2015 – Aug 2015 **Manager and Teacher**, *Blocus Assistance, Brussels*
- Jul 2014 – Aug 2014 Managed advertisement and student registrations for the study support program in STEM-related courses. Prepared classes and taught them to 15+ groups of college students. Most students successfully passed.
- Jul 2013 – Aug 2013 **Junior Developer**, *Mobispot, Louvain-La-Neuve*
Debugged the existing website and redesigned its eshop interface with PHP (Symfony), HTML and SQL.

Extracurricular activities

- Sep 2012 – Present **Private Tutor**, Brussels, Tokyo
Successfully teaching STEM-related courses to students ranging from junior high to college.
- Aug 2010 – Aug 2015 (4 days/year) **On-Site Artist Coordinator and Guest Assistant**, *Festival "Théâtres Nomades", Brussels*
Assisted with the coordination of on-site artists and helped welcome ~20000 visitors and ~50 troupes.
- Mar 2013 – Mar 2015 **Co-Administrator and Delegate**, *Bureau des Etudiants de Polytechnique, Brussels*
Helped coordinating student representatives, aided the organization of events and maintained IT services.
- Apr 2013 – Mar 2014 **Co-Administrator and Delegate**, *Cercle Polytechnique, Brussels*
Co-organised the 2013 edition of "6H Cuistax", which welcomed ~2000 students, far more than the previous years.

Language proficiency

French	Native language	English	Full professional proficiency
Japanese	Limited working proficiency (N2, Dec 2016)	Dutch	Limited working proficiency

Interests and activities

- Sports Running, swimming (competed on an amateur level), handball
- Hiking Takaosan, Daisetsuzan, Izugatake, Fujisan, Lamma Island, Inwangsan