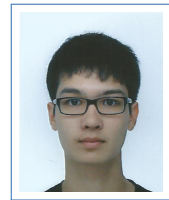


Sven Borden

Student

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Studies

- Since 2015 **Microengineering**, *EPFL*, Lausanne.
- 2014 – 2015 **Medical school**, *Faculty of Biology and Medicine*, Lausanne.
- 2001 – 2014 **Piano studies**, *Lausanne conservatory*, Various performances and awards.
Certificate obtained in 2014
- 2002 – 2009 **Music theory studies**, *Lausanne conservatory*.
Certificate obtained in 2010
- 2010 – 2014 **High school**, *Marcelin, Morges*.
Main option mathematics & physics, secondary option chemistry
- 2000 – 2010 **Primary & secondary school**, *St-Prex*.
Option Mathematics & physics

Experiences

Works - stages

- Summer 2014 **Trainee**, *Kudelski Security*, Cheseaux-sur-Lausanne.
Military quadricopter prototype working on 4G-LTE communication system controlled using a tablet
- Summer 2013 **Computer science research**, *University Lafayette, Louisiana, USA*.
Implémentation de la parallélisation dans l'interpréteur Javascript de Mozilla Firefox
- End 2012 **Preparing order employee**, *Bugnard SA*, Lausanne.
Order picking, preparing sets and Accounting

Contest - Expositions

- Septembre 2014 **Exposition ESE Milset 2014**, *Zilina University*, Slovakia, Projects exposition.
- May 2014 **National Contest "La science appelle les jeunes"**, *EPFL*, Lausanne, Présentation d'un drone roulant conçu dans le cadre du travail de maturité.
Prix spécial participation a l'ESE Milset 2014 à Zilina

Skills

Informatic

OOP C#, C++ & Java
Imperative C & Shellscript
programming

Web Javascript, HTML5 & CSS
Other Good knowledge about paralelization in C++, L^AT_EX & GNU/Linux OS

Languages

French Read, write, speak (C2)
English Read, write, speak (B2/C1)
German Read, write, speak(B2)
Chinese Speak, notion in reading and writing

Centers of interests

Sport	Bike, tennis, badminton, beach-volley, running & basketball
Informatics	User interface, optimisation, Data's transfer Client/Server
Robotics	Drones, autonomous systems...
Art et culture	Piano, reading & music history