

Sven Borden

Student

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Switzerland



Studies

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

Experiences

Works - stages

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

Contest - Expositions

- Mai 2014 **Concours de 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
- Septembre 2014 **Exposition ESE Milset 2014**, *Université de Zilina*, Slovaquie, Exposition de projets.

Skills

Informatic

- | | | | |
|------------------------|--------------------|-------|--|
| OOP | C++, Java & Python | Web | Javascript, HTML5 & CSS |
| Imperative programming | C & Shellscript | Other | Good knowledge about paralelization in C language, L ^A T _E X& GNU/Linux OS |

Laguages

- 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	Optimisation, Data's transfer Client/Server, User interface...
Robotics	Drones, autonomous systems...
Art et culture	Piano, reading & music history