Danny Willems
Software developer

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Personal Profile

Passionate about new technologies, sciences, mathematics and entrepreneurship, I learn and practice a lot by myself besides university. I'm always ready to learn new things. See my GitHub and my website for more details.

Work experience

Be Sport - Ocsigen • July 2016 – Novembre 2016

OCaml developer. Worked on Ocsigen Start. Implement OAuth2.0 and OpenID Connect server and client, ocaml-jwt, binding OCaml to NodeJS with gen_js_api. Push notifications, i18n, server-side cropping service (see Ocsigen Start).

@Be Sport @Ocsigen - Paris France

Hybrid mobile developer • July 2015 – Decembre 2015

Supervise and develop a mobile application with Cordova. I also build an integration continuous system in bash.

@Citypharma - Brussels, Belgium

Awards (Hackathons)

March 2016	**Citizens of Wallonia** *Jury's Price - Share Your Ideas. Invited at IBM Dublin to introduce the project.*
October 2015	**Kiss Your Teacher** *3rd Price - ImmuneWar*
April 2015	**Be-hackathon** *1st Price - Metro*
October 2014	**SGConnectedHack** *3rd Price - WeCare4U*

Personal projects

2016	**Binding OCaml to Cordova plugins** *More than 40 bindings OCaml to Cordova plugins. Invited to OUPS Meetup*
2015	**Vim-IDE** *Transform the best text editor into a full IDE*
2015	**Open Courses** *collaborative platform containing courses on several subjects. For the moment, available on GitHub*

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Skills

Programming	OCaml, Scala (+ Play), Java, Python, C, Shell Script
Web	HTML5/CSS3 (+ LESS, SASS), JavaScript + Angular JS, CMS (Wordpress, Prestashop)
Mobile	Cordova, Ionic
Databases	MySQL, PostgreSQL
OS	Linux (Debian, *Ubuntu), Windows, Mac OS X
Server	AWS, Debian, Kimsufi
Tools – Others	Git, LaTeX, Gulp, Grant, Yeoman, Arduino, RaspberryPi

Communication skills

French	Native speaker
English	Professional knowledge
Dutch	Elementary proficiency

Education

2012 – 2017	**Mathematics, minor in computer science and physics** Master's degree *UMONS, Mons, Belgium*
2015 – 2017	**Computer Science** Developer formation *42, Paris, France*

Personal

Professional	History of sciences, mathematics logic, web/mobile/software development, computer science theory, Open source philosophy
Interests	Computers, Electronics, Home automation, Technology, Travelling, SF Series