About

28 years old, Single
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Language

French ★★★★★
English ★★★★☆
German ★★☆☆☆
Spanish ★☆☆☆☆
Japanese ★☆☆☆☆

OS Preference

Debian ★★★★★
Windows ★★★☆☆
MacOs ★☆☆☆☆

Activities

Piano
Rock climbing
Martial Arts
Sailing

Benoît Viguier
Software Engineer · MRes. in Computer Science

Education

Software Engineer	*Rennes, France*
INSA (National Institute of Applied Sciences)	*Sept. 2014 - 2016*
MRes. in Computer Science	*Rennes, France*
University Rennes 1	*Sept. 2015 - 2016*
MSc. in Mathematics	*Rennes, France*
University Rennes 1	*Sept. 2009 - 2011*
B.S. in Mathematics	*Rennes, France*
University Rennes 1	*Sept. 2006 - 2009*

Skills

Programming	C/C++, JAVA, Coq, B, PHP, OCaml, LaTeX
Dev. Env.	IntelliJ IDEA, Clion, Git, Visual Studio & R#, Xcode

Experience

Internship : Software Engineer & Researcher — *Brussels, Belgium*
STMicroelectronics — *Feb. - Jun. 2016*
• Formal Methods in differential and linear trail search.

Coq, C++, Differential Cryptanalysis, Hash functions

Internship: Software Engineer — *Brussels, Belgium*
Mission Critical IT — *Jun. - Sept. 2015*
• Research around SNOMED CT, ICD10PCS and NLP parsing.

Lucene, OpenNLP, Stanford Parser, SWRL, Ontologies, JAVA

4th year project — *2014 - 2015*
• Research around SNOMED CT, ICD10PCS and NLP parsing.

Agile Methods, Monte Carlo Tree Search, C++, OpenMP, MPI, Teamwork

Software developer — *Nantes, France*
Beotic — *Feb. 2014*
• Development of a prototype of a project management app for IPad

Objective-C, Xcode

Independent Addon developer for online games — *2011 - 2013*
• Development of an HUD for an online game

LUA, Git, User Relationship

Independent Web developer — *2008 - 2011*
Cryptography, SQL injection, PHP, MySQL, HTML, CSS, JS

Mathematics Specialty Project — *2007 - 2008*
• Simulation of a predator-prey model and Lotka-Volterra equations

Ocaml, Mathematica

Mathematics Teacher — *2011 - 2014*
• Junior Highschool and Highschool

Teamwork, teaching skills, precision

Volunteer — *Hagi, Japan*
International Work Camps with CIEE Japan — *Jul. - Aug. 2012*
• Restoring a school and teaching English
• Filling a generation gap between elderly people and elementary school students