Benjamin Sientzoff

Fullstack developper

blasterbug.github.io

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Work Experience

2017 — **Cofounder and Fullstack developer, Loogup, Marsh - Present, Umeå, Sweden.**
I architect and design the Loogup platform and I develop the web application for Loogup.

2016 - 2017 — **Freelance, Thingmap, 5 months, Umeå, Sweden.**
Fullstack developer. Extended the REST API of the back-end, bug fix
and improvement of the current front-end applications (Web and mobile).
I deal with Node.js, REACT, Angular.js and MongoDB.

2015 — **Internship, IRCCyN, 4 months, Nantes, France.**
3rd internship within the Real Time Systems team of the IRCCyN
(a French research Unit, part of the CNRS) leaded by Richard Urunuela.
My task was to build a new robot with a Arduino board for the ANR ImpRo demonstrator.

2014 — **Volunteer Internship, IRCCyN, 12 weeks, Nantes, France.**
2nd internship at IRCCyN with the Real Time System team, leaded by Richard Urunuela.
The purpose was to add a camera to the robots of the ANR ImpRo demonstrator.
The camera is an Arduino Uno board connected to a CMUcam4 and five sensors.

2013 — **Internship, IRCCyN, 10 weeks, Nantes, France.**
1st internship at IRCCyN, within the Real Time Systems team, leaded by Jean-Luc
Béchennec, Sébastien Faucou and Richard Urunuela.
I designed a prototype for the demonstrator of the ANR ImpRo project: it consists on a
table where two robots hit back and forth a ball.

Education

2015 - 2016 — **Master's Programme**
Umeå University, Umeå, Erasmus programm. First year: Distributed Systems,
Artificial Intelligence, Database: Management and Administration

2013 - 2015 — **Bachelor**
Nantes University, Nantes, France, Computer Science.

2010 - 2013 — **DUT** (2 years diploma)
Institute of Technology of Nantes, Nantes, France, Computer Science.

Skills

Designing	UML, Merise, Petri nets, Design Patterns
Programming	JavaScript, Python, C, C++, Java, Bash, Assembly language (MIPS and x86), OCaml, ADA95, Arduino, Processing
Tool	git, npm, Doxygen, JUnit, Maven, Travis CI, Docker
Web	(X)HTML, CSS/SASS, JavaScript, Node.js, React, AngularJS, PHP, Jekyll, Django
Database	MongoDB, SQL, PL/SQL, PostgreSQL, NoSQL
Writing	LaTeX, Markdown
Specific	Distributed Systems development (RESTful and SOAP applications) Artificial Intelligence (basic knowledge) Fully efficient with UNIX/Linux systems Real Time Systems (programming with Trampoline RTOS)
Languages	French: Mother tongue English: Fluent Swedish: Beginner (learning)

Interests

Specific	Real Time Systems Embedded systems Open-source development Back-end Front-end
Other	Vegetarian and vegan food Local coordinator for Sea Shepherd, Umeå Nine Inch Nails, Baroness, Massive Attack