



Benjamin Sientzoff

Entrepreneur and Freelance Developer

A challenging position in a young company where I can use and improve my skills.

Background

Education

- 2015 - 2016 **Master's Programme**, *Umeå University*, Umeå, First year, as an exchange student (Erasmus).
Distributed Systems, Artificial Intelligence, Database : Management and Administration
- 2013 - 2015 **Bachelor**, *Nantes University*, Nantes, France, Computer Science.
- 2010 - 2013 **Two year's diploma (DUT)**, *Institute of Technology of Nantes*, Nantes, France, Computer Science.

Work Experience

- 2016 - 2017 **Freelance**, *5 months*, Thingmap, Umeå, Sweden.
Full stack 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**, *4 months*, IRCCyN, Nantes, France.
Third 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 metal parts and a Arduino Board for the ANR ImpRo Demonstrator.
- 2014 **Volunteer Internship**, *12 weeks*, IRCCyN, Nantes, France.
Second 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 actually a Arduino Uno board connected to a CMUcam4 and five sensors.
- 2013 **Internship**, *10 weeks*, IRCCyN, Nantes, France.
First internship at IRCCyN, within the Real Time Systems team, leaded by Jean-Luc Béchenec, Sébastien Faucou and Richard Urunuela. During this internship, I designed a first prototype for the demonstrator of the ANR ImpRo project. The demonstrator is a table where two robots hit back and forth a ball. It is a kind of an air-hockey. Robots are built with Lego and controlled by the Lego Mindstorms NXT. Trampoline RTOS, the operating system developed by the team, allows the robot to be autonomous with Real Time features. It runs on the NXT.

Skills

- Designing UML, Merise, Petri nets, Design Patterns
- Programming Python, C, C++, Java, Bash, Assembly language (MIPS and x86), OCaml, ADA95, Arduino, Processing

Stipendieänd 10A 106 – Umeå, 907 35 – Sweden

☎ (+46) 70 488 59 32 • ✉ benjamin.sientzoff@yahoo.fr
🌐 [blasterbug.github.io](https://github.com/blasterbug)

Tools git, npm, Doxygen, JUnit, Maven, Travis CI
Web (X)HTML, CSS/SASS, JavaScript, Node.js, React, AngularJS, PHP, Jekyll, Django
Database SQL, PL/SQL, PostgreSQL, MongoDB
Writing LaTeX, Markdown

Specific skills

Fully efficient with UNIX/Linux systems
Real Time Systems (programming with Trampoline RTOS)
Distributed Systems development (RESTful and SOAP applications)
Artificial Intelligence (basic knowledge)

Area of Interest

Real Time Systems Embedded systems
Open-source development
Back-end Front-end

Extra-Curricular Activities

2013 - 2015 Cashier (part-time job) *Working as a cashier at a mini-market.*
2014 & 2015 Volunteer for Scopitone, a French festival about digital art *Welcoming customers.*

Languages

French Mother tongue *Native speaker*
English Fluent *Job done in English. I speak English everyday.*
Swedish Beginner (learning) *I can introduce myself, read simple texts and I understand simple speeches.*

Interests

Cooking vegetarian and vegan dishes
Music Nine Inch Nails, Baroness, Massive Attack

Personal Details

DOB June 23rd, 1992
Address Stipendiegränd 10A 106, 907 35 Umeå, Sweden
Languages French, English, Swedish
Mobile No. (+46) 70 488 59 32