

# Intern as assistant engineer

Maxime Pinard

👤 20 years old  
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*3rd year student in a program leading to an computer science engineer degree, I am looking for a 6 month internship in development for September 2017*

## Education and qualifications

**University of Technology of Belfort Montbéliard**

Computer science engineer diploma, imaging specialty, 5 years (eq. Master of Science)

Currently in 3rd year

**Belfort, France**

2016

**University of Technology of Belfort Montbéliard**

DEUTEC, 2 years

Preparatory classes before the specialization

**Sèvenans, France**

2014

2016

**Lycée Louis Aragon (high school)**

Baccalauréat with major in maths, with honours

**Héricourt, France**

2011

2014

## Languages

**French:** Native tongue

**Spanish:** Moderate level

**English:** B2 (BULATS 68), Professional working level

**Japanese:** Basic level

## Computer skills

**Languages:** C++, Java 8 (SE and EE), C#, L<sup>A</sup>T<sub>E</sub>X, SARL, Bash, CUDA, SQL, HTML/CSS, Assembly, VBA...

**Tools:** UML, git, Maven, CMake, Make

**System administration:** GNU/Linux (Debian 8), personal server for Java EE web hosting (Tomcat 8)

**Lib:** SFML, Qt, JavaFx, JUnit4

**IDE:** Visual Studio, JetBrains IntelliJ IDEA and CLion, Eclipse

**Softwares:** Unity (+ package Vuforia AR and SteamVR for HTC Vive)

## Projets

- Capture of a person's movement and transmission by network to an avatar in augmented reality with Unity (C# scripting), Kinect and Vuforia
- Subway management simulator in JAVA with JavaFx (MiniMetro clone) *MagicMetro*
- Conway's Game of Life in SARL (agent oriented programming language) *sarl game of life*
- Dungeon crawler in JAVA with JavaFx *Raoul the Game*
- Snake like multi-player (local network) in C++ with SFML *PapraGame*
- Multi-user file storage server in C++ with SFML

## Work experience

**JAB France, 1 week**

Animator, Camp of 40 young people, team of 15 animators

**Evolène, Switzerland**

Feb. 2016

**JAB France, 1 week**

Animator, Camp of 50 young people, team of 20 animators

**Contamines, France**

Jan.-Feb. 2015

**Souchier SAS, 4 weeks**

Intern, Installation of gaskets and assembly of smoke evacuation systems

**Héricourt, France**

Jan.-Feb. 2015

## Others qualifications

- PSC1, French first aid certification

## Interests

**Computer science:** New programming paradigms, procedural generation, artificial intelligence, cryptography... , their implementation, and the evolution of quantum computing.

**Science:** Mathematics, physical system simulation, quantum physics...

**Sport:** Skiing and winter sports, cycling (mountain biking in a club for 3 years), mountain hiking