Software developer intern

Maxime Pinard

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3rd year student in a program leading to a 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   **Belfort, France**
Computer science engineer diploma, imaging specialty, 5 years (eq. Master of Science)   *2016*
Currently in 3rd year

University of Technology of Belfort Montbéliard   **Sèvenans, France**
DEUTEC, 2 years   *2014 — 2016*
Preparatory classes before the specialization

Lycée Louis Aragon (high school)   **Héricourt, France**
Baccalauréat with major in maths, with honours   *2011 — 2014*

Languages

French: Native tongue   **English**: B2 (BULATS 68), Professional working level
Spanish: Moderate level   **Japanese**: Basic level

Computer skills

Languages: C++, C, Java 8 (SE and EE), C#, LaTeX, 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)
Libraries: OpenGL, Capstone, Keystone, Qt, GTest, SFML, ImGui, GLFW, GLM, Inja, Json, JavaFx, JUnit4
IDE: Visual Studio, JetBrains IntelliJ IDEA and CLion, Eclipse
Softwares: MathLab, Unity (+ package Vuforia AR and SteamVR for HTC Vive)

Projets

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

Work experiences

JAB France, 1 week   **Evolène, Switzerland**
Activities supervisor, Camp of 40 young people, team of 15 supervisor   *Feb. 2016*

JAB France, 1 week   **Contamines, France**
Activities supervisor, Camp of 50 young people, team of 20 supervisor   *Jan.–Feb. 2015*

Souchier SAS, 4 weeks   **Héricourt, France**
Intern, Installation of gaskets and assembly of smoke evacuation systems   *Jan.–Feb. 2015*

Others qualifications

o 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