

# SAMUEL OLIVIER

SOFTWARE ENGINEER

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## Profile

I am a 22 years old software engineer and a computer graphics enthusiast. I am mainly interested in everything with a physical and a graphical rendering and interactions (3D, 2D, robotics etc.).

## Technical skills

Software	Computer Graphics	Techniques
C	OpenGL 3.3 / GLSL / WebGL	Algorithm & Data structure
C++ 11	3D / 2D Real time rendering	Design patterns
Qt / Boost	Pathtracing	Network programming
Windows / Linux	Computer animation	Parallel programming (OpenCL)
Web	Tools	Other languages
PHP / Java (Play framework)	Versioning (Git / svn)	Python
HTML / CSS / Javascript	CMake / Make	OCaml / Scala
Bootstrap / JQuery / THREE.js	Shell	GO

## Experience

**Epitech, Montpellier**  
Educational head assistant

2014/2016 - 18 months

- Creation of educational content (projects, lessons) to increase the student programming skills
- Managing up to 9 teaching assistants in a educational and professional way

**Schlumberger**  
C++/Qt Developer

2013 - 6 months

- Creation of an intuitive editor which simplifies interpretation of fluid analysis in C++ with Qt
- Continuous integration, unit testing, bug reporting, Scrum agile methodology

**Sud Est Distribution (SED)**  
Web Developer

2012/2013 - 7 months

- Rewriting of a commercial website for professionals using Coldfusion, HTML5, CSS3, JQuery / Ajax
- Coworking with a designer, developers and end-users

**Feeltune**  
C++ / Web Developer

2011 - 6 months

- Creation of features in C++ using Qt for a computer-like product meant for professional musicians
- Redesigning of a website based on Joomla

## Education

**Master of Information Technology - GPA 3.92 - 2015**  
Epitech, Paris Graduate School of Digital Innovation (France)

**University of California, San Diego - GPA 4.0 - 2014**  
2014 Winter and Spring quarters - Raytracing, 3D Animation, Data Structure, Algorithm

**High School Diploma in Sciences - 2010**

**French:** Native Language

**English:** Fluent (TOEFL: **87** - TOEIC: **930**)