

Olivier BARRAUD

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Software Engineer

Information Technology Skills

Programming languages C, C#, C++, MFC, PHP, JS, AJAX, HTML, CSS, Qt, Lisp, Java, Flash, Perl, Node Js, OCAML, SQL, Oracle SQL

Special Skills Cross-Platform, Client/Server Implementation, Design patterns, Multithreading

Libraries OpenGL, SDL, SFML, JQuery, Symfony

Engines GoldSource, Source Engine, Ogre3D, Unity3D, UDK

Tools SVN, Mercurial, Git, Emacs, Jira, Bamboo, Bitbucket, Confluence, Shell, Bash, TeamCity, Mantis, Visual Studio, Regex

Operating Systems Linux, Windows

Education



2011 - 2014 Expert in Information Technology – EPITECH

- Master's degree in Computer Sciences - Epitech – Paris, France



2013 ALCI Diploma – California State University San Marcos

- ALCI Diploma Computer Sciences – California, United States



2009 - 2011 BTS Développeur d'application – ITIC Paris

- Bachelor's Degree in Computer Sciences - ITIC – Paris, France

INTERETS

Hobby Projects Conception and development of 3D applications in Virtual Reality and cross platform games on mobile

Culture Development and 3D animation, Network, Design Patterns, Virtual Reality

Sport Surfing, Hiking

EXPERIENCE

2018 – 2 years

Fiducial – Software Engineer



- Solving software architectural conception mistakes PHP/Symfony
- Conception and development of features. PHP/Symfony, C#/.Net
- Implementation of regression testing solution.
- Development of functional and unit tests.
- Development database healing / recovery scripts. PGSQL
- Databases maintenance. MSQL

2016 - 2018 – 2 years

2Frogs Software – Founder / Software Engineer



- Conception and development of 3D applications. Unity3D/UDK/C#/C++
- Conception and development of Virtual Reality applications. HTC Vive/Oculus
- Contracting / software development. Fiducial PHP/Symfony

2017 – 6 months

GZCom – Chief Technology Officer



- Online store management, websitess development and sales growth.
- Database maintenance and UI development for multiple websites.
- API implementation. Amazon, LaRedoute, Ebay.

2016 – 5 months

Capgemini – Software Engineer



- Development of an e-learning (LMS) solution. PHP/Symfony

2015 – 7 months

SFR Business Team – Software Engineer



- Conception and development of analytics tools tracking parterns efficiency.
- Development of a statistic module. PHP/Javascript
- Translation of data into graphs, lines, bars, pies. ChartJS

2014 – 7 months

Zodiac Aerospace – Regression testing & Software Engineer



- Implementation of regression testing solution.
- Development of non-regression tests. Qt Script
- Development of feature. MFC
- Conversion and adaptation of sources to accept and handle Unicode properly. MFC
- Bug fixing. MFC

2010 - 2011 – 1 year

AB Plus – Developer



- Conception and development of a time clock over phone system.
- Lead development and conception.
- Phone communication server C#, Website to consult and manage software. PHP
- Database management. SQL

2010 – 2 months

Tour de Gassies – Developer



- Automation of wheeling chair prescriptions.
- Conception and development of an intranet allowing prescription and stock management.
- Application developed with the collaboration of the medical team (end user). PHP, AJAX, MySQL.