

# Julien Verneuil

Full stack developer

## CONTACT

Website

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## WORK EXPERIENCE

2015-11-01 TILL 2018-05-02

### Web developer at **Calexium**:

IT infrastructure manager

Front-end / back-end development on intranet / e-commerce software

Designed and developed landing pages for several products

JavaScript libraries development (Kanban, UX, captive portal)

E-mailing

Developed / maintained distributed architecture e-mailing software (Python, Twisted, Angular)

Embedded software development

Packaging

## EDUCATION

2013-02-18 TILL 2013-03-18

### Coursera (Duke University)

Image and video processing (88,5/100)

2013-01-18 TILL 2013-02-18

### Coursera (Princeton University)

Algorithms, Part I & II

## SKILLS

**Web development (Advanced):** HTML5, CSS3, Node.js, CoffeeScript, jQuery, Vue.js, Angular, Prestashop, Joomla, Wordpress, OpenCart, Apache, NGINX, Squid, WebAudio, WebGL, Dolibarr, WebSockets

**Software libraries (Advanced):** OpenGL, SDL, Qt, wxWidgets, PortAudio

**Graphics programming (Advanced):** Framebuffer, Raytracing, Post-processing, OpenGL ES, OpenGL 4

**Database (Advanced):** MySQL, PostgreSQL, SQLite

**Database (Intermediate):** MongoDB, Redis

**Networking (Advanced):** BSD Sockets, Good knowledge of the network stack

**Programming languages (Advanced):** C, JavaScript

**Programming languages (Intermediate):** C++, GLSL, Python, Shell, PHP, TCL / TK, Makefile, Anubis, Z80 assembler, CoffeeScript, LUA

**Programming languages (Beginner):** Haskell, C#, Ruby, Java, R, LISP, Faust

**SEO (Advanced):** Piwik / Matomo, Social networks, Serposcope, GoAccess

**System administration (Advanced):** FreeBSD, OpenBSD, Debian / CentOS / Ubuntu, SNMP / Zabbix, Bash, Iptables, OpenVPN, Postfix, OpenSMTPD, Fail2ban, Cron

**Tools (Intermediate):** Inkscape, Photoshop, The Gimp, SolidWorks

**Virtualization (Intermediate):** ProxMox VE, VMWare, VirtualBox

**Project management (Advanced):** Git, Redmine, Gitlab, SVN, Kanboard, Slack

## LANGUAGES

**French** Native speaker

**English** Upper-intermediate level

## INTERESTS

**Computer graphics & 3D printing:** FreeCAD, Blender, Anim8or, GeoGebra

**Visual arts**

**Table tennis**

**Video game development:** Game engine development, Unity, UDK, Shiva 3D

**Computer music / Digital Signal Processing**

**Embedded system:** Raspberry PI & SBC, IOT

