

Félix VEYSSEYRE

Full stack web developper, engineering degree in computer science and applied mathematics

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Education

- 2014 - 2015 **Engineering cycle at CPE Lyon** (Lyon, FR), fifth year of higher education (theory and practice) in *Electronic, Computer sciences and Telecommunication* with major in Mathematics and Image Processing. Achievement of a scientific research project on motion analysis, applied to heart tracking
- 2011 - 2013 **Engineering cycle at CPE Lyon** (Lyon, FR), third and fourth year of higher education (theory and practice) in *Electronic, Computer sciences and Telecommunication* with taking of optional modules in graphs and algorithms, optimization technics and modeling technics - **Scientific Award of Excellence**
- 2009 - 2011 **Preparatory class for CPE Lyon** (Lyon, FR), first and second year of higher education (theory and practice) in Mathematics, Physics, Engineering Sciences and languages

Work experiences

- 2015 - 2017 **Software engineer**, at *Kitware, Inc.* (Lyon, FR): full stack web developper
- Conception of a web application, allowing users to view and interact in real time with scientific visualizations, using distributed remote rendering
 - Conception and development of a modular content management web application. Designed to provide high performance, high availability, to be scalable and secure
 - Conception and development of a image web viewer handling very large images with multiple dimensions (space, time, colors channels, etc.)
- 2014 - 2015 **Software junior engineer**, at *Orange* (Lyon, FR): final year internship
- Conception and development of a distributed and scalable log analyzing web application. Designed to allow real-time browsing, graphing and detection of unusual behaviors from the logs of a cluster of servers
- 2013 - 2014 **Software junior engineer**, at *Kitware, Inc.* (Carrboro, USA), gap year in computer science, data analysis and data visualization
- Conception and development of a web application allowing the analysis of several mailing lists and its users
 - Development in a collaborative pointcloud visualization and managing web application
 - Conception and development of the processing workflow of pediatric airways imaging data

Language skills

French Native speaker

English Very good working knowledge, *Cambridge English Certificate*, one year spent in North Carolina, USA

Spanish Good working knowledge, european honors at scientific baccalaureate

Technical skills

Backend Symfony, CodeIgniter, Wordpress

Database MongoDB, MySQL

Frontend React, AngularJS, jQuery UI, jQuery, LESS, CSS

Visualization GoogleMaps API, GoogleChart, Plotly, OpenLayers, Three.js, VTK.js, ParaViewWeb

Data analysis MATLAB, ParaView, SciPy, Matplotlib

SysAdmin Unix, Shell, Apache, Crontab, RSYSLOG

Software Python

Cloud computing AWS

Others Git, Travis, Docker, Composer, NPM, WebPack, ESLint

Extra-curricular activities

Passions World traveling, photography, architecture, design, numeric arts, electronic music

Sports Cycling, running, swimming and triathlon

Other Very keen on new technologies