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31/12/1990

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DAVID LOIRET

EDUCATION

SUP'BIOTECH, VILLEJUIF (94)

2009 – 2014

Engineering biotechnologies, specialized in R&D Bioinformatics

BACHELOR S SVT

2007 – 2008

Option physics and chemistry

PROFESSIONAL EXPERIENCE

SOFTWARE R&D ENGINEER, VIDEOLABS (VLC)

Jun 2014 – Nowadays

Development of a social network (AngularJs)

SOFTWARE R&D ENGINEER, SPALLIAN INNOVATION

December 2014 – May 2015

Development of TellMyCity V3 Web & Mobile (AngularJS, Ionic, Cordova)

DEVELOPER WEB, VANKSEN

August 2014 – November 2014

Development of Facebook games and websites (drupal, wordpress)

INTERNSHIP, DISCNGINE

February 2014 – July 2014

Development of a interactive and flexible AngularJS application for the visualization, edition and analysis of network graph.

INTERNSHIP, BIRL: BIOINFORMATION RESEARCH LABORATORY

October 2013 – February 2014 (2 days a week)

Machine learning: development of a novel concept for *in situ* hierarchical protein network classification.

INTERNSHIP, LARIBOISIERE HOSPITAL - UBCS - INSERM UMRS942

March 2013 - Juillet 2013 (2 days a week)

- Development of a perl script for routine analysis and graph generation of molecular dynamics output.
- Coordination of a S.B.I.P (Sup'Biotech Innovation Project) in

collaboration with the UBCS and APHP.

INTERNSHIP, LARIBOISIERE HOSPITAL - UBCS - INSERM UMRS942

November 2012 - February 2013

- In silico genetic / phenotype prediction, study of Wilson's disease by molecular dynamics.
- Development of a perl script for data mining and clustering of large dataset (multivariable analysis, signal filtering).

PERSONAL BUSINESS

2011 – 2013

- Repair of electrical devices (audio headphones, motors).
- Repair and unlocking mobile phones (android). Computer repair.

INTERNSHIP, NECKER HOSPITAL U781

Mars 2012 - May 2012

- Study of a mouse model of myotonic dystrophy

LANGUAGES

French Mother tongue

English Fluent (TOEIC : 830)

COMPUTER SKILLS

PROGRAMMING	**SCRIPTING**
JAVA, C, C++, Go (beginner)	Python, R, Perl, PHP, Shell
SYSTEMS	**DATABASE**
Linux, Windows, OS X	MongoDB, Neo4j (cypher), MySQL, PostgreSQL

WEB

HTML5, CSS3, XHR, WebSockets, JavaScript (jQuery, AngularJS), NodeJS (express)

HOBBIES

TECHNOLOGY & INNOVATION

Biopile, All-terrain skateboard, Glasses remote detector, movie search engines (TriiceMoovie), Python scripts for processing voice recognition & cancellation, multitouch table (FTIR principle), robotics & domotic (Arduino & Rasberry Pi), aeromodelling

MUSIC

Conservatory cello (12 years), guitar (7 years), manufacture of classical guitar & cello.