GUEUNET CHARLES

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I am a 23 years old diligent student interested in research. Passionate about computer science, I am really motivated to contribute to this field.

OBJECTIVE

Attempting a PhD in **scientific visualisation**, in continuation of a 6 month internship on this realm.

WORK EXPERIENCE

PERIOD	**May 2015 – Present**	
EMPLOYER	**LIP6**	Paris, France
JOB TITLE	**Trainee researcher**	
LANGUAGES	**C++,VTK,OpenMP,CMake**	
SUPERVISORS	**Julien Tierny** (julien.tierny@lip6.fr) and **Pierre Fortin** (pierre.fortin@lip6.fr)	
SUBJECT	In **scientific visualisation**, with **high performance computing** component: Establish a scalable and efficient algorithm to compute the contour tree.	
GAINS	This internship allows me to grow professionally and personally in the research realm. It gaves me experience in C++, parallel programing and let me use ParaView. It was also a good opportunity to acquaint myself with topology algorithmics.	

PERIOD	**April 2014 – August 2014**	
EMPLOYER	**NaturaBuy**	Pau, France
JOB TITLE	**Trainee software developer**	
LANGUAGES	**NGinX, MySQL, PHP, Javascript, HTML and Bash**	
SUBJECT	Assist the development team in various realms. Implement an automatic completion with machine learning abilities.	
GAINS	This internship gave me a better idea of **code reliability** in the professional world and allowed me to work on **several projects** simultaneously.	

EDUCATION

PERIOD	**September 2010 — Present**	
DEGREE	**Engineering diploma in Computer Science (Master degree, 5yrs)**	
SCHOOL	**EISTI**	Pau, France
	International School of the Sciences of Data processing, formation about Cloud computing, Software development, Algorthmics and Management.	

SKILLS

Computer Languages	C, C++ (VTK, OpenMP, MPI), Java, Ruby
Protocols	TCP/IP, HTTP, SOAP, JSON, XML
Databases	SQL, MySQL, MongoDB, NoSQL
Web	REST, Java EE, PHP, Javascript, HTML, CSS
Tools	Agile, TDD, Linux, SVN, Git, CMake, ParaView
Languages	French (native), English (865 at TOEIC)

INTERESTS

- Programming, Videos games
- Piano (12years) and Music