Guillaume Rochette

Engineering Student in Applied Mathematics and Computer Science

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Educational Background

2012-2017 (expected)	**National Institute of Applied Sciences of Rouen (INSA Rouen)**, *Rouen, France*, Diplôme d'ingénieur en Mathématiques Appliquées, English equivalent : Msc. in Mathematical and Software Engineering. Main themes : ○ Financial Modeling, and Numerical Methods. ○ Statistics and Operations Research. ○ Mathematical Programming, Artificial Intelligence and Machine Learning.
2016-2017 (expected)	**University of Rouen**, *Rouen, France*, Master in Actuarial Science and Mathematical Engineering for Finance and Insurance. Main themes : ○ Finance. ○ Insurance. ○ Risk Management. ○ Financial Regulation.
2012	**Lycée Paul Langevin**, *Suresnes, France*, Baccalauréat Scientifique section Européenne Allemand mention Bien, English equivalent : A-Levels in Sciences and German with distinction.

Work experience

June-September 2015	**Université du Québec À Montréal (UQÀM)**, *Montréal, Québec, Canada*, Technical Internship in Data Mining & Association Rules Mining under the supervision of Pr. Petko Valtchev, Study and implementation of numerous algorithms & creation of a new algorithm for closed-pattern mining, Flake, soon to be published.
July 2013	**PSA Peugeot-Citroën**, *Poissy, France*, Working on the assembly line for 208/C3/DS3 cars, Electronics and door systems check. Working in morning & afternoon shifts, 49 vehicles per hour.
March 2011	**Volksbank Goettingen**, *Göttingen, Niedersachsen, Germany*, Marketing and Web Design Department, Improvement of German Business & Finance oriented vocabulary. Greeting customers,organisation of conferences, basic learning of financial advising.
December 2010	**Café Vierkötter**, *Rösrath, Nordrhein-Westfalen, Germany*, Bakery and pastry, Improvement of German everyday-life vocabulary, duration : 2 weeks.

Qualifications

Computer Science

Operating Systems	UNIX, Linux, Debian, Ubuntu, Windows.
Programming Languages	C++, C, Python, SAS, MatLab, R, Java, Fortran, Pascal, LaTeX, UML.

Business Applications	Microsoft Office Suite (Excel, Word, Powerpoint), Open/Libre Office Suite.

Languages

English	**Fluent**, *Level B2/C1*, TOEIC Certificate 960/990.
German	**Fluent**, *Level B2/C1*, Graduated Deutsches Sprachdiplom Stufe II (DSD II), issued by Kultusministerkonferenz (KMK) in 2012.

Other competencies

Sport	**Handball**, *Regional League*, 5 years.
	Climbing, *2 years.*