

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 :
 - Scientific and Stochastic Calculus, 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
2016 **BNP Paribas Personal Finance**, *Levallois-Perret, France*, Speciality Internship -
Basel II Equity Calculator, Joint Venture with Commerz Finanz Group. Study of
European Financial Regulation and Basel Accords (I and II), Knowledges in Risk
Management and Project Management.
- 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.
- 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, SQL, Java, Fortran, Pascal, LaTeX, UML.
Business Applications	Microsoft Office Suite (Excel, Word, Powerpoint), Open/Libre Office Suite.

Languages

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

Other competencies

Sport	Handball , <i>Regional League</i> , 5 years. Climbing , 2 years.
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