

Samuel Cabral Cruz

B. Sc. Actuarial Sciences

General Information



May 14th, 1992



samuelcabralcruz@gmail.com



(581) 996-2130



249, Route 138,
Saint-Augustin-de-Desmaures



Quebec, Canada



[GitHub Profile](#)



[LinkedIn Profile](#)



personality Type: **INTJ-T**

Languages

English ★★★★★

French ★★★★★

Working Skills

Commercial Awareness

Communication

Confidence

Leadership

Perseverance

Negotiation

Organized

Problem Solving

Repetitive Tasks

Team Working

Work Under Pressure

Education

Bachelor Degree

Software Engineering

University Laval

[01/2017 - Present]

Exchange Semester - International Profile

Software Engineering

Norwegian University of Science and Technology

[01/2018 - 06/2018]

Bachelor Degree

Actuarial Sciences

University Laval

[09/2012 - 05/2015]

Experience

Desjardins, General Insurance Group

Database Analyst - Research and Development

Accomplishments

[05/2017 - 12/2017]

- Bulk extraction from indemnization agent notes using NLP approaches
- Documentation generator (similar to *Doxygen*) using XSD, XML and XSL for SAS
- Redesign of the data extraction pipeline used to create fraud models

Actuarial Analyst - Property Ratemaking

Accomplishments

[05/2013 - 12/2016]

- Creating a dashboard for the monitoring of the conversion solution's KPIs
- Production of 2017 Budget's assumptions for newly acquired State Farm's portfolio
- Integration of State Farm's Canadian book of business acquired in 2014
- Creation of multiple programs in order to identify, extract, produce and validate the information contained in the pricing system
- Segmentation and pricing models revision
 - Endorsement 16c Water Damage (Tenants and Condos)
 - Rented and Vacant Condos

Projects

CentraLib

Centralized BibTeX References Manager

2017

keywords = ["Python", "Unit Testing", "TravisCI", "Coverage"]

Achievements

Participation to Academic Actuarial Competitions - ActuLab

- Extrapolation of Truncated Claim Amounts

1st Place - Desjardins, General Insurance Group

2015

- Asset-Liability Matching: Optimization under Constraints

1st Place - SSQ, Financial Group

2015

Presentation of the solution at the Cercle Finance Quebec

- Territorial Grouping for Ontario PAP under FISCO Constraints

5th Place - Desjardins, General Insurance Group

2014

Admission Excellence Scholarship

University Laval

2011