

# Samuel Cabral Cruz

B. Sc. Actuarial Sciences

## General Information



May 14<sup>th</sup>, 1992



[samuelpcabralcruz@gmail.com](mailto:samuelpcabralcruz@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
- 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

## Achievements

Participation to Academic Actuarial Competitions - ActuLab

- Extrapolation of Truncated Claim Amounts

**1<sup>st</sup> Place - Desjardins, General Insurance Group**

2015

- Asset-Liability Matching: Optimization under Constraints

**1<sup>st</sup> Place - SSQ, Financial Group**

2015

**Presentation of the solution at the Cercle Finance Quebec**

- Territorial Grouping for Ontario PAP under FISCO Constraints

**5<sup>th</sup> Place - Desjardins, General Insurance Group**

2014

Admission Excellence Scholarship

University Laval

2011