

# MEHDI-BORIS BOUHALI

ACTUARY & PYTHON DEVELOPER



## MY PROFILE



15.02.1992



8 Ch. du Grand Record - Bussigny  
Switzerland



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+33-689-71-60-80



Work Permit - B



Driving licence

## LANGUAGE SKILLS

French - Native Speaker

English - C1 - Professional Proficiency

Spanish - B1 - Basic knowledge

## PRO SKILLS

C++

CSS

HTML

LATEX

PYTHON

REACT

VBA

## EXPERIENCES

### ACTUARIAL SPECIALIST & PYTHON DEVELOPER

Feb 2019 - Present

Vaudoise Assurances / Lausanne - Switzerland  
Member of the Product Development team.

- Designing new products and implementing new processes,
- Project Management,
- Writing technical specifications,
- Configuring management systems and creating test plan,
- Developing calculation and simulation tools in Python (portfolio control, profit testing, user interface, ...),
- Technical support for line activities,
- Analyzing, maintaining and monitoring the integrity of management systems (data analysis with Python).
- Supervision of interns

### ACTUARY

Jul 2018 - Sep 2018

CPEG / Geneva - Switzerland

- Member of the team in charge of the development and tests of an IT application calculating the services provided by the pension fund (transfer, invalidity, projection, ...).

### EXCHANGE STUDENT

Jan 2016 - Jun 2016

University of Toronto / Toronto - Canada

- Research conducted on String & Quantum Field Theory.

### TEACHING ASSISTANT

Sep 2014 - Jun 2016

University of Geneva / Geneva - Switzerland

- In charge of Physics Laboratories for Biology undergraduate.

### M.SC ACTUARIAL SCIENCE

Sep, 2017 - Jun, 2019

HEC University of Lausanne / Lausanne - Switzerland

- Master Thesis : Development of a Python tool based on a generalized life insurance model.

### M.SC. THEORETICAL PHYSICS / B.SC. PHYSICS

Sep, 2012 - Jun 2016

University of Geneva / Geneva - Switzerland

- Master Thesis : Study of Rotation of Gravitational Waves by intervening mass distribution.

### PREPARATORY CLASS FOR ENGINEERING SCHOOLS

Sep, 2010 - Jun 2012

School Vaugelas / Chambéry - France

- Section MP (Mathematics Physics).
- Intensive program preparing for the national competitive exam for entry to engineering schools.

## EDUCATIONS