

# Francisco Gabriel

## Personal info

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**Name:** Francisco Miguel AMARAL DE MESQUITA GABRIEL

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## Work Experience

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**Junior Software Engineer** 2021

*Priberam*

I have developed an orchestration library to be used in multiple large-scale commercial applications in C#. Some of the code will be open-source.

**Consultant** 2020

*Adelard LLP*

I was involved in assessing Control and Instrumentation systems for nuclear power plants. My responsibilities included developing software for a complex project.

## Education

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**Paris School of Economics/ENPC** Presently

*MSc in Economic Decision and Cost Benefit Analysis*

**KU Leuven** 2017 - 2019

*MSc in Computer Science, Magna Cum Laude*

Master Thesis: Implicit Type Conversions (Grade: 18/20)

I have extended the KUL Haskell Compiler to support transitive and locally scoped implicit type conversions.

**Universidade de Lisboa - IST** 2013 - 2017

*BS Applied Mathematics and Computation*

## Skills

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*Languages* Proficient use of Portuguese and English.  
I have studied French and Dutch and can understand Spanish.

*Programming* C#, Python, Haskell  
JavaScript, Scala, C, Bash, Python, Java, Matlab/Simulink, R, Lisp  
Prolog, Agda, Mathematica, Rodin, ProB

*Software* git, Docker, Linux Command Line, LaTeX, MS Office