



Baptiste Lesquoy

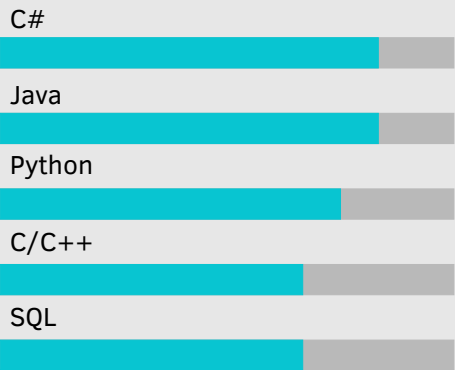
Software engineer

February 15th 1993
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About me

I have been programming for more than 10 years for pleasure as well as for work. I like projects that are technical challenges or that tickle my intellect. I also really enjoy sharing my knowledge and find myself appreciating project management more and more.

Skills



Languages

French mother tongue
English C1/C2
Vietnamese A1/A2 (learning)

Curriculum Vitæ

Experience

- 2023 - now

Software engineer

ACROSS Laboratory - Hanoi, Vietnam

In charge of the developement of the open-source agent-based modeling platform GAMA, I am planning its release cycles and actively contributing to its java codebase.

In the context of the SLAM-B project, I am working on improving the performances of the platform for big models as well as creating easy ways to integrate external models into a GAMA simulation, some of which through an open-source python package that I'm maintaining called gama-client.

I am also managing interns working on diverse generative AI projects around the platform.
- 2021 - 2023

International volunteer - software engineer

ACROSS Lab. - Hanoi, Vietnam

Responsible for the release of the versions of the GAMA platform from 1.8.2-RC1 to 1.9.2 and the animation of its community, including organizing events like coding camps. Overseeing interns working on multiple projects around the GAMA platform in the java codebase of GAMA or on external python programs.

Developement of a python package to easily integrate gama models with the reinforcement learning API gymnasium.

Giving computer-science classes about agent-based modeling to master's students of the University of science and technology of Hanoi.
- 2018-2021

Software engineer

Quadram - Differdange, Luxembourg

Mobile Application development: collection of needs and constraints from clients, mock-up, creation of analysis documents (class diagrams, sequences, etc.), project planning, programming (in C# with Xamarin), writing of documentation and client follow-up.

In-house training of employees in programming (SQL and C#) and basic artificial intelligence algorithms.

Supervision of junior developers.
- Mar.-Sep. 2017

Master's degree internship

LORIA laboratory - Nancy, France

Research work and writing of a thesis on the development of a generic algorithm for vehicle tracking in a convoy of robots.

Reworking of a previous PhD thesis work, improvement/correction of the proposed algorithms and implementation in ROS in C++.
- April-June 2015

Internship as a developer

Quadram - Differdange, Luxembourg

Design of a cross-platform mobile application for managing ErgoOffice software projects via a SOAP web service.
- June-Sep. 2014

Full time developer

Abvent - Luxembourg-ville, Luxembourg

Creation of a plug-in in HTML/Javascript within Excel allowing to create document templates for the BIMOffice software.
- April-June 2014

Internship as a developer

Abvent - Luxembourg-ville, Luxembourg

Creation of an export tool for Excel in the BIMOffice software.

Education

- 2015-2017

Master's degree in computer science

Université de Lorraine - Nancy, France

Track Interaction-Perception-Learning-Knowledge
- 2014-2015

Licence Informatique

Université de Lorraine - Metz, France
- 2012-2014

DUT Informatique

IUT de Metz, France

Interests

Very curious by nature, I often work in my free time on small programming or robotics projects to entertain myself or develop my knowledge. I also always had a great interest in music, history and travel. I have been practicing sports for the past few years and I'm always curious to try new ones, I recently started training

Brazilian jiu jitsu and would like to improve in that discipline.