

# Baptiste Pesquet

Software engineer | Professor | AI PhD student

Bordeaux, FR

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I am a computer science professor working part-time on a PhD in artificial intelligence. Before that, I graduated as a software engineer and worked for several years in the industry.

## SKILLS

### Artificial Intelligence

Machine Learning

Decision-making

Search algorithms

### Computer Science

Programming

Web development

Mobile development

Software architecture

Databases

### Teaching

Course management

Curriculum design

Technical writing

### Machine Learning tools

PyTorch

TensorFlow/Keras

scikit-learn

NumPy

pandas

### Programming languages

C#

Python

Java

C++

JavaScript

TypeScript

PHP

### Data & Tooling

SQL

Linq

Git

GitHub

Docker

Azure

Heroku

## WORK EXPERIENCE (4)

**PhD student** at INRIA Bordeaux

**Sep 2023 - Current**

PhD student in AI. Interests: decision-making, confidence, reinforcement learning, metacognition.

**Professor** at ENSC - Bordeaux INP

**Sep 2016 - Current**

Computer science and artificial intelligence professor. Co-creator and head of the AI specialization track.

**Professor** at Education Nationale

**Sep 2006 - Aug 2016**

Computer science professor in BTS IG/SIO (Chalon-sur-Saône, Laval, Lyon). Jury member for the CAPET in economy, management and information technology from 2016 to 2019.

**Software Engineer** at Artal Technologies, Toulouse

**Sep 1999 - Aug 2006**

Developer and tech lead on projects for companies such as Airbus, Astrium and Alcatel.

## EDUCATION (2)

**Graduate engineering school in computer science** at ENSIIE, Evry

**1996 - 1999**

Majors in object-oriented programming and artificial intelligence. Internships at Mobil Chemicals, Oléane (Orange) and IRIT Toulouse. Creation of a software agents team that competed in RoboCup'99.

**Preparatory class for the Grandes Ecoles, major in mathematics** at Lycée Pierre Corneille, Rouen

**1994 - 1996**

## CERTIFICATES

**Agrégation in economy, management and information technology (ranked first)**

**2008**

**Software engineering degree**

**1999**