

# Dylan Bourgeois

## US & French citizen

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birthday 04/11/1994

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## can speak...

mother tongue English  
mother tongue French  
fluent Spanish

## education

- 2016** Master of Science & Engineering /speciality Robotics, EPFL
- 2012** Bachelor of Science & Engineering /speciality Microengineering, EPFL
- 2012** French Baccalaureate, Scientific specialization *summa cum laude*

## publications

Explanations and meaningful information: at the interface between technical capabilities and legal frameworks

Bourgeois & Vergnolle  
PLSC'22

### GNExplainer: Generating Explanations for Graph Neural Networks

Ying, Bourgeois, You, Zitnik, Leskovec  
NeurIPS'19

### Selection Bias in News Coverage: Learning It, Fighting It

Bourgeois\*, Rappaz\*, Aberer  
WWW'18

### New approaches for track reconstruction in LHCb's VeLo

Hasse, Albrecht, Couturier, Bourgeois, et al.  
JHEP'18

## experience

**06/2025** Interim CTO  
**12/2025** @ Ogment.AI, NYC / Lisbon

Agents - MCP - SaaS

Led the company pivot from an agentic hiring platform to the best way for companies to create MCPs for their products. Onboarded a dozen pilots, laid the technical and strategy foundation for scaling the company once PMF was achieved.

**07/2022** Co-founder, VP of Engineering  
**06/2025** @ Claryo, San Francisco / NYC

Vision - Robotics - World Models

Provides real-time operational intelligence from visual and events data in logistics warehouses. Creating world models for training and evaluating automation solutions. Raised 12M\$+, company continues to operate.

**08/2019** Founding Engineer  
**10/2022** @ Robust.AI, San Francisco

Vision - Robotics - Factor Graphs

Team lead designing and building an extensible robotics platform that enables reliable behavior for mobile robots equipped with rich sensory input and common sense reasoning. Deployed collaborative robots in 3PL design partner warehouses (e.g. DHL).

**09/2018** MSc Thesis  
**07/2019** @ SNAP, Stanford / LTS2, EPFL

Graph NN - LLMs - Interpretability

Designing a new attention-based encoder which learns representations of source code from structure and context. The model can then be fine-tuned to achieve state-of-the-art results on common tasks like naming variables or methods. Also developed and published (NeurIPS'19) state-of-the-art Graph Neural Network explainability methods.

**2018** CERN, Geneva Attention Models - Particle Physics  
**2017** IDIAP, Martigny Humanoids - Augmented Reality  
**2016** UPC, Barcelona Visual Odometry

## patents

### Ultraviolet cleaning trajectory modeling

Trevor, Bourgeois, et al. US20210347048A1

### Cleaning Robot

R. Brooks, Bourgeois, et al. US20210346543A1

### Systems & Methods for a Virtual Facility world model

Amer, Bourgeois, et al. WO2025096496A1

### Systems & Methods for a Virtual Facility Supporting Robotics Fleet Control and Sensor Data Simulation

Amer, Bourgeois, et al. US20250251740A1

### Learning Representations of Source Code from Structure & Context

Bourgeois, Catasta, Leskovec  
MSc Thesis

### A dynamic embedding model of the media landscape

Rappaz\*, Bourgeois\*, Aberer  
WWW'19

### Using holistic information in the Trigger

Bourgeois, Fitzpatrick, Stahl  
LHCb Pub

## can do programming

Main Python, TS  
Scholar C(++)  
Working Swift, Rust

## software

PyTorch TensorFlow numpy  
Docker k8s GCP AWS  
gRPC next.js postgres  
ROS openCV nerfstudio ISAAC  
Figma Solidworks XCode

## and also...

Expert EPDB on AI  
EU Commission, 2022-2025  
Venture Partner  
Pace Ventures, 2025  
Advisor AI  
Azard, 2025  
Blogger Artifices Intelligents, Le Temps  
Le Temps, 2018-2019  
Speaker AI+ Journalism Workshop  
pilote.media, 2019  
Speaker ML Workshop  
powercoders, 2018  
Teaching Assistant  
Applied Data Analysis, EPFL, 2017  
Head of IT  
Satellite, EPFL, 2016-2017  
Stage • Music programmer  
Sat Rocks, EPFL, 2016  
Code Contributor Signal for iOS  
Open Whisper Systems, 2014  
Freshman Counselling  
EPFL, 2014  
Teaching Assistant CS101  
EPFL, 2013

## and for fun...

Music (curation, DJ) Cooking  
Climbing Road Biking Tennis

