Dylan Bourgeois

US & French citizen

location NYC, USA
birthday 04/11/1994

contact@dtsbourg.me
social @dtsbourg
website dtsbourg.me

can speak...

mother tongue	English
mother tongue	French
fluent	Spanish

education

2016–2019 Master of Science & Engineering /speciality Robotics, EPFL

2012–2016 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

GNNExplainer: 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

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

experience

06/2025 – 12/2025
Interim CTO
@ 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 – 06/2025
Co-founder, VP of Engineering
@ 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 – 10/2022
Founding Engineer
@ 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 – 07/2019
MSc Thesis
@ 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

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