

Marcel Bartumeu Ramentol

BOSTON · FROM ANDORRA EMAIL · MIT EMAIL · PERSONAL GITHUB ORCID MIT PROFILE

ABOUT



I'm from Andorra.

Since 2025 I have worked with the City Science group at the MIT Media Lab, and I am first author of *The Andorra Scenario Engine* (*Urban Science*, 2026).

I built a synthetic population of 90,000 people for my country, and the projection and Arduino control panel for a terrain table of Andorra.

Before that I built things: radio-controlled boats, cars and planes, an electric car at fourteen, and Mevot, an electric-longboard company I started at fifteen, grew to six figures in annual revenue and exited in 2025.

I study at Babson College and Olin College. I race alpine skiing for Andorra (FIS-licensed), raced two seasons for Babson's men's ski team, and was President of eTower, Babson's founder community.

THE REAL ONE

NAME	Marcel Bartumeu Ramentol	VERIFIED · ORCID, CROSSREF
ORIGIN	Andorra · born 2005	VERIFIED · FIS PROFILE
LANGUAGES	Catalan, Spanish, English, French, Italian	OWN RECORD · CV
SELF	<i>The main word I would use to describe myself is technologist</i> OWN RECORD · BRANDING REFLECTION, MARCH 2026	
BUILDS	<i>I create what doesn't exist, focusing on high-quality products.</i> OWN RECORD · ETOWER INTRODUCTION SLIDE, FEBRUARY 2024	
NOW	Part-time Research Support Associate on the Andorra project, City Science group, MIT Media Lab (since September 2026) OWN RECORD · CV	
STUDIES	Babson College, BSBA, concentration in Technological Entrepreneurship, May 2027. Olin College of Engineering, General Engineering certificate (in progress). OWN RECORD · CV	
HOME CELL	withheld	PRIVATE

CV

EDUCATION

Babson College, BSBA, concentration in Technological Entrepreneurship; graduating May 2027.

Olin College of Engineering, General Engineering certificate (in progress); coursework includes Modeling and Simulation.

Green Mountain Valley School, Vermont, a ski academy: high school diploma, 2021–2023. I moved there alone at 15.

Escola Andorrana, Ordino, 2017–2021.

RESEARCH

MIT Media Lab, City Science: visiting student researcher, July 2025 to July 2026, supervised by Kent Larson with Luis Alonso. Since September 2026, part-time Research Support Associate on the group's Andorra project.

Babson independent research on the Andorra model, advised by Ken Accardi, 2026.

PAPERS IN PREPARATION

Synthetic Agent Generation Pipeline (working title): the methodology and architecture for generating realistic synthetic populations.

Mobility Validation Against Telecom Data (working title): validating simulated agent movements against real-world telecommunications data. The comparison has not been run yet.

Public Opinion Validation Against Surveys (working title): comparing synthetic agents' opinions and responses against actual survey data. The Round 1 and Round 2 findings reported on this site are its evidence.

VENTURES

Mevot: started at 15; built and sold electric longboards under my own brand; grew to six figures in annual revenue; exited in 2025 through an agreement in which a manufacturing partner acquired part of Mevot's designs.

Helped on the backend of a clothing brand doing over seven figures in ARR.

Frame Creators: an extreme-sports film studio I co-founded with my brother (film archive 2015–2024).

LEADERSHIP

eTower, Babson's founder community: President for one year (2025–26), now Advisor.

ATHLETICS

Andorran Ski Federation team (FAE) from 15 to 18. FIS-licensed alpine racer for Andorra; two seasons on Babson's men's ski team. Skied 100+ resorts.

LANGUAGES

Catalan, Spanish, English, French and Italian.

TOOLS

Python; JavaScript and React; Arduino; system dynamics and agent-based modeling; Blender, Fusion 360, Shapr3D; FDM printing; DaVinci Resolve.

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