

David Bravo Comas

+34 629097866
d.bravocomas@gmail.com
linkedin.com/in/david-bravo-comas
Barcelona, Spain (open to moving)

Industrial engineer

Analytical and impact-driven engineer passionate about shaping safe and beneficial AI. Experienced in technical project management and interdisciplinary research. Developing expertise in AI Safety while co-organising the Effective Altruism group at UPF.

Education

Bachelor's in Industrial Engineering — *IQS University, Barcelona* — 2021 – 2025

- Cumulative grade: 8.25/10 | 90th percentile
- 7 Honour courses (including Mathematics, Statistics, Informatics, Heat & Mass Transfer).
- Applied advanced statistical modelling and optimization across engineering systems.
- 2 hours of daily laboratory practice.

International exchange program in Seoul — *Chung-Ang University* — Aug – Dec 2024

Experience

Co-organiser of EA UPF — *Universitat Pompeu Fabra, Barcelona* — Sep 2025 – Present

- Facilitator of an Intro to Effective Altruism fellowship and organiser of workshops and events.
- Working to expand the group's reach and help launch new EA university groups in Spain.

Thesis on Ethics of Digital Technology — 2025

- Analysed data from 23,000 families to identify factors associated with smartphone ownership
- Proposed interventions through a weighted factor model based on feasibility, impact, and ethical value.

Internship as Construction Manager — *Beta Conkret* — June – July 2024

- Coordinated suppliers and site workers, managed material requests, and contributed to quality control by addressing on-site issues.
- Assisted the construction manager with technical, economic, and planning tasks.

Team Leader: Autonomous wheelchair project — 2023/24

- Led a 7-person interdisciplinary team in integrating data analysis, simulation, and system modelling for prototype design and evaluation of performance.
- Developed structured problem-solving and project management skills applicable to research.

Smart Green Island Makeathon — 2024

- Collaborated for 4 days with an international team to propose hands-on solutions for a hydrogen-powered vehicle prototype, addressing real-world industry challenges.

Skills & Interests

- **Software and tools:** Python, MATLAB, VBA, MS Office, SolidWorks.
- **Languages:** Spanish, Catalan (native), English (C2), French (B2), Chinese (HSK 2).
- **Intro to AI Alignment** (BlueDot Impact), **Intro to Biosecurity** courses.
- **Independent research:** Currently pursuing independent projects in AI Safety.
- **Passionate about:** Cross-cultural trips, meditation, nature, running, tennis.