

Miquel Torner Viñals

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EDUCATION

- **Universitat Politècnica de Catalunya** Barcelona, Spain
Bachelor in Informatics Engineering *Sep 2020 – Dec 2024 (Expected)*
 - U!Train BIP – Grenoble INP-UGA, France (Sep. 2024)
 - Semester abroad – Aalto University, Finland (Fall 2023)
 - Summer program – Beijing Institute of Technology, China (Summer 2023)
- **IES Serrallarga** Blanes, Spain
Technologic Bacallaureate *Sep 2018 – Jul 2020*

EXPERIENCE

- **Directia Travel** Barcelona, Spain
Software Developer *Jul 2024 - Present*
 - **Web App Development:** Designed and developed both front-end and back-end of an internal application using PHP, Javascript and Laravel framework.
- **Universitat Politècnica de Catalunya** Barcelona, Spain
Undegraduate Teaching Assistant *Oct - Jan⁺¹ (2021, 2022, 2024)*
 - **Aula Lliure Professor:** Supported first year students with “Programming 1” course by resolving doubts, reviewing students’ work to provide them with feedback and preparing mock exams.
- **Google** Zurich, Switzerland
STEP Intern *Jul 2022 - Sep 2022*
 - **Android Development:** Implementation of an android widget that provides personalized shortcuts to one of the Google app functionalities in Java.

PROJECTS

- **Plushistics:** A 2D interactive simulator to optimize shipping routes (Royal Hackaway 2023).  
- **Otaniemi Tracker Bot:** Telegram bot that allows item tracking in buy/sell campus group.  
- **EcoForecast:** Europe’s green energy surplus prediction challenge.  
- **Chips Chips:** Developed an algorithm to minimize power loss on a chip (FME Datathon 2022).  

EXTRACURRICULAR ACTIVITIES

- **FIBVisiona:** Part of the organization team of my college company fair during 2022 and 2023 facilitating more than 500 students grow their network. Currently preparing 2024 edition.
- **Amics Joan Petit Nens amb Càncer:** Supported a non-profit organization by administrating their mail service and updating their webpage (2019 - 2022).
- **Coding Competitions:** Recurrently participated in competitions: NCPC 2023, UPC Semifinal 2022, Google Hash Code 2022, Google Code Jam 2021, Google Hash Code 2021.
- **Hackathons:** Attended: Junction 2023, Royal Hackaway v6, HackUPC 2022, Datathon FME 2022, HackUPC 2021.

PROGRAMMING SKILLS

- **Languages:** C++, Python, Java, JavaScript, PHP **Technologies:** Laravel, Git, Mercurial, GCP

LANGUAGES

- **English:** Professional working proficiency.
- **German:** Elementary proficiency.
- **Spanish, Catalan:** Native or bilingual proficiency.