



Contact

- Madrid, Spain
- contact@davidbarroso.dev
- davidbarroso.dev
- github.com/dbm03
- [davidbarrosomurcia](https://in.davidbarrosomurcia)

Education

Aug. 2024 - Dec. 2024

Study Abroad, Computer Science

University of Waterloo, Canada

Relevant Coursework
Data-Intense Distrib. Computing,
Software Design and Architectures

Aug. 2023 - May 2024

Study Abroad, Computer Science

Georgia Tech, United States

Relevant Coursework
Machine Learning, Advanced Operating Systems

Sep. 2021 - Current

Bachelor in Computer Science and Engineering

Universidad Carlos III de Madrid

Relevant Coursework
Data Structures and Algorithms,
Files and Databases

David Barroso Murcia

Driven senior Computer Science student with strong problem-solving skills. Passionate about front-end engineering, AI, and open-source software. Graduating in July 2025 and eager to be part of a team full-time where I can use my 1+ year of experience in web application development.

Skills

- Programming:** TypeScript, JavaScript, Python, Java, HTML, CSS
- Libraries & Frameworks:** React, Next.js, React Native, Node.js, Playwright, Vitest
- Methodologies:** Agile/Scrum, Pair programming, Test Driven Development, CI/CD
- Technologies:** Linux, Git, Docker, GraphQL, AWS, PostgreSQL
- Languages:** English (Fluent), Spanish (Native), German (B1)

Work Experience

Junior Frontend Software Engineer | Nhost Oct. 2024 - Current

- Refactored Nhost Dashboard, removing 900+ files of React code, reducing complexity, and cutting build times by 13.63%.
- Integrating Hasura GraphQL Engine into Nhost's console, enabling PostgreSQL management, queries, triggers, and event automation.

Frontend Development Intern | Nhost May 2024 - Oct. 2024

- Developed Project Health widget, helping users self-diagnose service issues (e.g. outdated versions, failed updates, downtime). Reduced unhealthy Pro apps by 71% within a week of launch.

Volunteering

Full-Stack Developer | Georgia Tech XR Dec. 2023 - Apr. 2024

- Led development of Virtual Event Platform for Immerse GT 2024, a 700+ participant XR hackathon with \$20,000 in prizes.
- Built event website, adapting design for sponsor needs (WestRock, Startup Exchange).

Other Projects

F1 Deep Dive | Machine Learning Final Group Project Sep. 2023 - Dec. 2023

- Developed ML models for race analytics and interactive data visualizations using Python and React.
- Predicted overtakes with 65% accuracy and race winners with a 37.3% success rate.