

Eric Navarro

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EXPERIENCE

Pinterest

Software Engineer

July 2024 – Present

Dublin, Ireland

- Working on the Data Privacy team, building access control, auditing, and data handling services

Snowflake

Software Engineering Intern

January 2024 – July 2024

Berlin, Germany

- Led the XML Data Type towards General Availability, managing the rollout process for over 10K customers
- Enhanced the in-house parser by fixing over 50 bugs for over 1.3K active users
- Developed XML entity support for SnowflakeDB based in C++

Datadog

Software Engineering Intern

June 2023 – December 2023

Madrid, Spain

- Contributed to Datadog's APM **Python** client library by implementing unittest and pytest-benchmark support
- Reduced tracer overhead of the Python tracer by up to 70% for over 1K users
- Implemented Intelligent Test Runner for unittest, streamlining CI pipelines for Datadog customers

Accenture

Software Engineering Intern

February 2023 – June 2023

Barcelona, Spain

- Designed comprehensive end-to-end tests and over 90 unit tests for multiple internal **Python** libraries
- Increased code coverage by 95%, enhancing the reliability and stability of the codebase
- Led algorithm optimization initiatives, researching and implementing improvements that significantly boosted the efficiency of key libraries

EDUCATION

Autonomous University of Barcelona

Bachelor of Engineering in Computer Engineering

September 2020 – June 2024

Barcelona, Spain

- **Grade:** 86%
- Provided mentoring support for incoming and new undergraduate students
- **Classes:** Software Engineering, Object Oriented Design, C, C++, Python, Networks, Data Structures, Databases, Operating Systems, Calculus, Algebra, Probability and Statistics

TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript, HTML/CSS

Frameworks: Django, Flask, React, Bootstrap, Jekyll

Developer Tools: Git, Docker, SSH, Azure, AWS, Cloudflare, SonarQube, Jenkins, PyCharm, Postman, PowerBi

Libraries: NumPy, pandas, Matplotlib, Selenium, SQLite, pytest, SciPy

PROJECTS

Meal Planner | *Python, Flask, SQL, Docker*

July 2022 – November 2022

Available at ernl.dev/meal

- *Developed a full-stack responsive web application with Flask, serving both as front-end and back-end*
- *Designed an algorithm to process data from a dataset*
- *Implemented a stand-alone REST API using Flask*

LANGUAGES

English: Full Professional Proficiency (C1 level – Cambridge Exams)

Spanish: Native Proficiency

Catalan: Native Proficiency

Norwegian: Elementary Proficiency