

# Eric Navarro

+1 (647)-783-2777 | me@ericnavarro.com | ericnavarro.com | linkedin.com/in/ericnl | github.com/ericlaz | Dublin, IE

## EXPERIENCE

---

### Pinterest

July 2024 – Present

*Software Engineer I*

*Dublin, Ireland*

- Automated deletion of 1M+ legacy datasets via SparkSQL pipelines in Airflow, cutting S3 storage costs and ensuring compliance
- Built access-control, auditing, and compliant data-handling services as part of the Data Privacy team
- Enhanced dataset content understanding by implementing automated scanning and metadata extraction in Python within data-governance pipelines

### Snowflake

January 2024 – July 2024

*Software Engineering Intern*

*Berlin, Germany*

- Drove the XML data type to General Availability, coordinating the rollout for over 10K customers
- Improved the in-house XML parser by resolving 50+ bugs, enhancing stability for 1.3K+ active users
- Implemented XML entity support for SnowflakeDB in **C++**

### Datadog

June 2023 – December 2023

*Software Engineering Intern*

*Madrid, Spain*

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

### Accenture

February 2023 – June 2023

*Software Engineering Intern*

*Barcelona, Spain*

- Developed end-to-end tests and 90+ unit tests for internal **Python** libraries
- Raised code coverage by 95%, significantly improving reliability and maintainability
- Led algorithm optimization efforts, researching and implementing efficiencies across key libraries

## EDUCATION

---

### Autonomous University of Barcelona

September 2020 – June 2024

*Bachelor of Engineering in Computer Engineering*

*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](https://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