

Eric Navarro

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EXPERIENCE

Pinterest	July 2024 – Present
<i>Software Engineer I</i>	<i>Dublin, Ireland</i>
<ul style="list-style-type: none">Automated deletion of 1M+ legacy datasets via SparkSQL pipelines in Airflow, cutting S3 storage costs and ensuring complianceBuilt access-control, auditing, and compliant data-handling services as part of the Data Privacy teamEnhanced dataset content understanding by implementing automated scanning and metadata extraction in Python within data-governance pipelines	
Snowflake	January 2024 – July 2024
<i>Software Engineering Intern</i>	<i>Berlin, Germany</i>
<ul style="list-style-type: none">Drove the XML data type to General Availability, coordinating the rollout for over 10K customersImproved the in-house XML parser by resolving 50+ bugs, enhancing stability for 1.3K+ active usersImplemented XML entity support for SnowflakeDB in C++	
Datadog	June 2023 – December 2023
<i>Software Engineering Intern</i>	<i>Madrid, Spain</i>
<ul style="list-style-type: none">Contributed to Datadog's APM Python client library by adding unittest and pytest-benchmark supportReduced Python tracer overhead by up to 70%, improving performance for 1K+ usersImplemented Intelligent Test Runner support for unittest, streamlining CI pipelines for Datadog customers	
Accenture	February 2023 – June 2023
<i>Software Engineering Intern</i>	<i>Barcelona, Spain</i>
<ul style="list-style-type: none">Developed end-to-end tests and 90+ unit tests for internal Python librariesRaised code coverage by 95%, significantly improving reliability and maintainabilityLed algorithm optimization efforts, researching and implementing efficiencies across key libraries	

EDUCATION

Autonomous University of Barcelona	September 2020 – June 2024
<i>Bachelor of Engineering in Computer Engineering</i>	<i>Barcelona, Spain</i>
<ul style="list-style-type: none">Grade: 86%Provided mentoring support for incoming and new undergraduate studentsClasses: 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 <i>Python, Flask, SQL, Docker</i>	<i>July 2022 – November 2022</i>
<i>Available at ernl.dev/meal</i>	
<ul style="list-style-type: none">Developed a full-stack responsive web application with Flask, serving both as front-end and back-endDesigned an algorithm to process data from a datasetImplemented 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