

Maria Ciceri

Full-stack Developer | React | Agentic AI | Data Analysis | Machine Learning |
Python | JavaScript | C#

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EXPERIENCE

Data Scientist & AI Agent Developer Intern Ecometrix

10/2025 - Present Stockholm - Sweden

- Perform data analysis, feature engineering, and ML experimentation to support predictive modelling and sustainability initiatives.
- Performing data analysis and model training: dataset preparation, feature selection, ML experimentation.
- Developing and testing AI agents using LangChain for new functionalities with team guidance.
- Expanding knowledge in AI-agent design, experimentation, and version control while strengthening collaboration and independent work.
- Developed and implemented a full CRUD interface in React, integrating it with a C# backend using ASP.NET architecture to extend core product functionality.
- Utilised Azure DevOps for version control, task management, and deployment workflows, ensuring efficient collaboration and delivery.

Full-stack Developer Intern

Qling.ai

04/2025 - 07/2025 Stockholm - Sweden

- Designed and maintained data pipelines and backend systems using Flask, MySQL, and RESTful APIs to support automated data processing.
- Integrated Google APIs for data collection and classification workflows, contributing to internal automation.
- Debugged, refactored, and optimized codebase to boost performance, maintainability, and follow clean code principles.
- Embraced Agile methodologies, actively participating in daily standups as Scrum Master and fostering a culture of code quality and team collaboration using JIRA.
- Designed and implemented frontend features using HTML/ CSS, ensuring a responsive and user-friendly interface.

Math Teacher

Futuraskolan Hertig Karl

02/2023 - 07/2024 Stockholm - Sweden

- Taught math (grades 6–9) and mentored grade 7–8 students.
- Introduced programming logic and Python using free resources.
- Adapted to diverse learning levels and backgrounds.
- Supervised a student teacher: delegated tasks and gave feedback.

SUMMARY

Data-driven and adaptable software developer with a foundation in mathematics education and a Software Development diploma with specialisation in Predictive Analytics. Skilled across the stack, with experience in Python, SQL, machine learning, data analysis, JavaScript, React, and TailwindCSS. Internships at Qling.ai and Ecometrix included full-stack development, analytical pipeline creation, automated workflows, deployment of ML models, API development, and contributions that improved model performance by 20%. Strong understanding of data processing, feature engineering, UX considerations, and business analysis. Effective collaborator who translates complex requirements into practical solutions, recognised for analytical thinking, initiative, and clear communication of technical insights.

TECH STACK

[Python](#) [JavaScript](#) [C#](#) [ASP.NET](#) [HTML5](#)
[CSS3](#) [Azure DevOps](#) [TypeScript](#) [React.js](#)
[React Native](#) [TailwindCSS](#) [Bootstrap](#) [jQuery](#)
[Agentic AI](#) [LangChain](#) [Django](#) [Flask](#) [REST APIs](#)
[SQL](#) [NoSQL](#) [Pandas](#) [NumPy](#) [Scikit-learn](#)
[TensorFlow](#) [Git](#) [GitHub](#) [Jira](#) [Heroku](#) [VS Code](#)
[Postman](#) [Agile](#) [UX Design](#) [Responsive Design](#)
[TDD](#) [Clean Code](#) [Communication](#) [Leadership](#)
[Interpersonal Skills](#)

PERSONAL PROJECTS

- ★ [Personal Portfolio](#) - React, Tailwind, TypeScript
- ★ [Loan Default Predictor](#) - Python, ML pipelines, SkicitLearn
- ★ [TakeCare Inventory Management](#) - Django, PostgreSQL, JavaScript
- ★ [Pin Head Lists](#) - JavaScript, HTML/CSS
- ★ [Best 1000 Movies Finder](#) - Python
- ★ [Vini Showcase Page](#) - React
- ★ [Advent Calendar](#) - React

EDUCATION

Full Stack Software Development Diploma -
Predictive Analytics Specialisation (EQF level5)

Code Institute

09/2024 - 07/2025

Dublin - Ireland

- Credit Rated by University of West of Scotland

Math Teaching Degree

Lapa University

06/2016 - 06/2017

Curitiba - Brazil

BSc Chemistry

Federal University of Technology

08/2010 - 12/2015

Pato Branco - Brazil

TRAINING / COURSES

- Software Engineering Coding Bootcamp - **App Academy** (2024)
 - Intro to Computer Science and Programming in Python - **MIT OpenCourseWare** (2023)

LANGUAGES

- English - Fluent
 - Swedish - Advanced (completed SVA 3, Swedish for Educators)
 - Portuguese - Native

SIDE PROJECTS

- **React Native mobile app** (in progress – private project): Developing a list/tracker app using React Native with a focus on performance, user experience, and component-based design.
 - Participated in multiple **hackathons** (Code Institute), applying agile practices in team projects.

References available upon request