CLAUDIO PALOSCIA

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EDUCATION

University of Illinois at Chicago   January 2023 — May 2025
Master of Science, Computer Science   GPA: 3.88
Publication: Lost in Translation: Exploring the Risks of Web-to-Cross-platform Application Migration

Polytechnic University of Milan   September 2022 — May 2025
Master of Science, Computer Engineering   GPA: 110/110

Polytechnic University of Milan   September 2019 — September 2022
B.S., Computer Engineering   GPA: 110/110
                                                                          Credit standing: Honors Cum Laude

EXPERIENCE

xAI   Milwaukee, WI
Software Engineer Specialist   March 2025 – Present

- Developed and reviewed a dataset of approximately 2,000 high-quality tasks for training GenAI and coding agent models, emphasizing complex coding scenarios to enhance model performance in software development applications.
- Reviewed, evaluated, refined, and provided feedback on data contributions from team members to maintain high standards in the curation of LLM datasets.
- Developed interactive scripts to fully automate the build and launch of Docker containers, testing, communication with LLM APIs, and extraction of the results, leading to a 150% productivity increase in a team of approximately 100 people.

University of Illinois at Chicago   Chicago, IL
Teaching Assistant for Secure Web App Development   September 2024 – December 2024

- Developed web applications using Typescript, React, Next.js, and Supabase to help students apply, reinforce, and test the concepts learned during class.
- Automated testing of students' solutions using Vitest and Playwright, automatically grading a class of around 50 people.

University of Illinois at Chicago   Chicago, IL
Graduate Assistant   January 2024 – June 2024

- Developed and deployed a containerized web application on a physical server using Node.js, Express and React, featuring a text editor with IDE-like capabilities including syntax highlighting, enabling users to write and execute R code for real-time interaction with a MySQL database.
- Implemented Docker Compose for seamless orchestration and launch of the web application and MySQL database, ensuring efficient deployment, scalability, and cross-environment compatibility.

PROJECTS

Electron Testing Framework   2025

- Engineered and developed a complete framework compatible with Web Platform Tests to thoroughly test the security of Electron's handling of HTTP headers and web security standards.
- Developed an Electron application and a Chrome extension that implement an algorithm to intercept and deviate HTTP requests to a predefined testing server.
- Manually defined fully automated tests for over 35 HTTP headers compatible with every browser.
- Developed an Express web server to orchestrate, provide and parse the results of multiple parallel test instances.

Freeroom   2022

- Raised €35.000 in funding.
- Developed and deployed a web application that interacts with the University's classroom API to identify empty classrooms given a set of filters and search query specified by the users, using ViteJS, ReactJS, ExpressJS and InfluxDB.
- Set up the web application to support live data from each classroom, to provide real-time information and aggregated data on occupancy, temperature, and noise levels.

Eriantys
Project Link: `https://github.com/ClaPalo/ing-sw-2022-Liu-Nobile-Paloscia`   2022

- Developed a fully playable digital version of the *Cranio Creation srl* board game *Eriantys* in Java using the Model-View-Controller pattern.
- Implemented basic socketing, a CLI & GUI interface, and multiplayer capabilities.
- JAR deployment with Apache Maven, cross-compatibility between Windows, Linux and macOS.

SKILLS

- **Language:** Italian (native), English (proficient)
- **Programming:** Python, Typescript, Javascript, Java, SQL
- **Frameworks & Libraries:** React, Redux, Next.js, Astro, Express
- **Tools & Platforms:** Docker, Git, AWS (S3, EC2, RDS), Supabase