

SIMONE SIEGA

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EDUCATION

University of Padua

B.S. in Computer Engineering

2026 – 2029 (Expected)

Padua, Italy

ITIS Carlo Zuccante

Technical Diploma in Computer Science and Information Technology – 100/100 cum laude

2021 – 2026

Venice, Italy

- Named to the Italian Ministry of Education's **National Register of Academic Excellence**.
- Relevant coursework: Java OOP, Web Development, SQL, Flutter Mobile Development, and RAG with Python.

WORK EXPERIENCE

Arsenale Moto

Full-Stack Developer – Contract | Live Site

May 2026 – Jul 2026

Venice, Italy (Remote)

- Built and launched the company's first production website as the sole developer, delivering the frontend, CMS integration, and server-side functionality with Next.js and TypeScript.
- Cut motorcycle publishing time to approximately one minute by designing role-based CMS workflows across 10 staff roles, enabling non-technical employees to manage content while protecting sensitive actions.
- Enabled 10–20 customer valuation requests per day through a secure Resend workflow with server-side validation, domain authentication, anti-spam controls, and branded email templates.
- Streamlined production releases by building an automated GitHub-to-Dokploy deployment pipeline and managing the VPS, hosting environment, and ongoing CMS support.

New Art Vanguard

Full-Stack Developer – Contract | Live Site

Feb 2026 – Jul 2026

Miami, FL (Remote)

- Improved consistency across the production website by modernizing 5+ pages and delivering 3 new pages with reusable responsive components using HTML, CSS, JavaScript, and PHP.
- Reduced setup and release preparation time by 25% through Docker containerization of local development and VPS deployments.
- Delivered features end to end within a three-developer team, from client requirements through implementation, testing, documentation, and final project handoff.

Dacos S.r.l.

Software Developer Intern

May 2025 – Jun 2025

Venice, Italy

- Delivered a Vue.js e-commerce prototype within a two-developer team by coordinating development with Git and standardizing the local environment with Docker.
- Improved application stability at up to 100 concurrent users by optimizing database queries and adding caching to eliminate redundant reads.
- Presented the prototype to stakeholders and documented its architecture, decisions, and trade-offs.

PROJECTS

Codex Limits

TypeScript, Bun, React, Ink, Node.js

GitHub | 2026

- Built and published a cross-platform npm CLI for Codex, OpenAI's coding agent, providing a responsive terminal dashboard, JSON output, diagnostics, and confirmation-gated reset actions.
- Expanded the product to 3 coding-agent integrations, including OpenCode, Pi, and GitHub Copilot CLI, by designing a shared core for data discovery, normalization, and sensitive-data redaction.
- Reached 2,500+ npm downloads while maintaining release quality through 180+ automated tests, GitHub Actions, cross-platform package validation, and automated npm publishing.

European Tech Opportunities 2027

Python, TypeScript, Next.js, SQLite, Docker

Live Site | GitHub | 2026

- Built and deployed an open-source directory publishing 700+ European tech internships and new-grad roles through an asynchronous Python pipeline and searchable Next.js interface.
- Designed a six-rule deterministic classifier and transactional SQLite database to track listing provenance, lifecycle state, and availability without removing roles on ambiguous failures.
- Deployed the application and database to a VPS, automating nightly collection, full-state audits, restore-tested backups, and GitHub Actions releases while maintaining 90% critical-path test coverage.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, PHP, HTML/CSS

Frameworks: React, Next.js, Vue.js, Tailwind CSS

Databases: MySQL, PostgreSQL, SQLite, MariaDB

Tools: Git, GitHub Actions, Linux, Docker, Node.js, Bun