Curriculum vitae  Updated 21 November 2026



# Edoardo Sisti Peta

Computer and Control Engineering student at Sapienza University of Rome

I write low-level code in C and Assembly and backend services in TypeScript.


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| Email | edoardo.sistipeta@protonmail.com | LinkedIn | linkedin.com/in/edoardosistipeta |
| GitHub | github.com/Odex2 | Based in | Rome, Italy |


## Projects

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| In progress | **Home lab** · Personal project · Debian, Caddy, Cloudflare, Tailscale<br>A personal server on an old Lenovo IdeaPad, running Debian around the clock at home. I add self-hosted services one at a time, each on its own subdomain with valid HTTPS through Caddy and Cloudflare.<br>– Reachable from outside only through Tailscale, with no ports open on the router.<br>– Reproducible: configuration in a git repository, secrets kept apart in `.env` files, backups in case of failure.<br>– Documented in a README and a journal of what I build and learn. |
| 2026 | **Itinera** · Codemotion Hackathon 2026, “Play the City” challenge<br>A location-based city discovery game: stories, quizzes and voice challenges on a live map. **Second place out of 11 teams**; I was the team’s backend and AI architect.<br>– Built the backend: a multi-agent LLM system in TypeScript, using Claude and Regolo.ai, that generates and checks geolocated challenges for exploring a city.<br>– Designed the protocol between the five agents, each with its own job (finding points of interest, tracking game state, writing the story, validating answers), and the controller that coordinates them.<br>– Made every agent return structured JSON through API wrappers, so the app could parse the models’ output reliably while running.<br>Code: github.com/Odex2/Itinera |

## Education

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| Sep 2024 – present | **Sapienza University of Rome** · BSc in Computer and Control Engineering<br>Top marks in Mathematical Programming (30 cum laude), Memory Management in C (30 cum laude), Algebra and Geometry (30), Internet and Communications (30). |
| Sep 2019 – Jun 2024 | **Liceo Scientifico Stanislao Cannizzaro** · Scientific high school diploma |
| Aug – Dec 2022 | **De La Salle College, Churchtown (Ireland)** · Silver Merit Award |

## Skills and languages

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| Programming | C, Assembly (ASM32), Java, Python (NumPy), TypeScript, PL/SQL |
| Focus areas | Memory management, algorithm optimization, systems architecture, backend orchestration |
| Tools | Git, RESTful API design, LLM integration (Claude, Regolo.ai) |
| Languages | **Italian**, native · **English**, C1, full professional proficiency · **Spanish**, limited working proficiency |

## Certifications

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| | **First Certificate in English** · Cambridge English |
| | **What Is Generative AI?** · Course on generative AI |