

Luca Tegano

Software Engineer

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EDUCATION

University of Calabria

Cosenza, Italy

Bachelor of Science student in Computer Science

Expected Graduation Sep 2027

- Related Coursework: Python | Mathematics | Computer Architecture.
- Overall GPA: 26.5/30.00.

PROJECTS

UniCode

Apr 2025 – May 2025

- Delivered full-stack SaaS web application to help students practice programming problems aligned with university exam formats, featuring in-app code execution.
- Built a scalable backend using **AWS API Gateway, Lambda functions, and DynamoDB**, enabling low latency serverless architecture and seamless API integrations.
- Implemented a responsive **React** frontend with real-time functionality using **Firebase Authentication** and **Firestore** for user management and session tracking.
- Created and curated **30+ Python coding challenges with detailed solutions**, covering core computer science concepts such as recursion, data structures, and algorithm design.

SpaceCal

Feb 2025 – May 2025

- Designed a full-stack social media mobile application from concept to deployment, tailored for university students to enhance communication and engagement among university students.
- Built a cross-platform social media mobile application using Expo, **React Native** and **TypeScript, NodeJS, AWS S3 Bucket** ensuring seamless functionality on both Android and iOS devices while maintaining type safety for robust, error-free code.
- Leveraged **Cursor AI** and **Trae AI** tools to accelerate development of the app by **25%** while upholding high-quality, maintainable code standards.

OpenYard

Jan-2025

- Developed the front-end landing page for the "Business Registration" section, transforming complex Figma designs into a clean, responsive, and visually appealing user interface.
- Conducted rigorous cross-browser testing to ensure **100% compatibility** and optimized the layout for full mobile responsiveness, delivering a flawless user experience across all major devices and browsers.
- Contributed to a feature that allows business owners to reach over **3,000 students**, supporting greater visibility and engagement through a user-focused design.

EXTRACURRICULAR ACTIVITIES

Accenture Nordics Software Engineering Job Simulation.

- Principles of technical requirements Basics of infrastructure systems, IaaS and PaaS.
- Basics of security, IAM Policies and permissions Securing software development lifecycle (SSDLC).
- **Read and debug Code, Testing**, basics of **Unit Testing**, pillars of **UAT**.

SKILLS

Programming: Python | JavaScript | HTML5 | CSS | NoSQL | TypeScript

Developer Tools: VsCode | Expo | AWS | Git | Agile | OOP | LLM | AI | API | CI/CD pipelines | Postman |

Libraries/Frameworks: React Native | ReactJS | ViteJS | ExpressJS | NodeJS | MongoDB