

Edoardo Cecchinato

Venice, Italy | edoardocecchinato.ec@gmail.com | [Website](#) | [GitHub](#) | [LinkedIn](#)

SKILLS

Programming: C/C++, Python, Java, JavaScript/TypeScript, SQL.

Other: Git/GitHub, Flask, PostgreSQL, SQLAlchemy, MongoDB, ReactJS, Angular, HTML, CSS/Bootstrap, Android, Azure, Docker, Maven, Doxygen, Javadoc, Linux, Windows, VS Code, JetBrains Editors, Figma, Axure.

EDUCATION

University of Trento | *Master in Artificial Intelligence Systems* Trento, Italy | **09.2023 – Present**

- **Courses:** Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing, Computer Vision, Law and Ethics in AI, Autonomous Software Agents, Optimization Techniques, Neural Systems.

Ca' Foscari University of Venice | *Bachelor of Computer Science* Venice, Italy | **09.2020 – 07.2023**

- **Final grade: 110/110 cum laude – GPA: 3.8/4.0 (Italian 28/30)**
 - **Relevant Courses:** Algorithms and Data Structures, DB Systems, Object-Oriented Programming, Operating Systems, Computer Networks, Software Engineering, Security, Web Technologies, Operational Research.
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WORK EXPERIENCE

Reply (CLUSTER Reply) | *Software Engineer Internship* Padua, Italy | **03.2023 – 05.2023**

- Worked in the division of **Financial Services**, developing software for financial companies using **Java EE**.
 - Worked on the migration from enterprise to cloud architectures, oriented to the DevOps methodology.
 - Technologies: Java EE, Maven, SQL, JBoss EAP, Docker, AWS.
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PROJECTS

Restaurant MEAN WebApp ([GitHub](#)) | *University project*

- Web app, developed using the **MEAN** stack, to manage a restaurant system.
- Frontend developed using **Angular** and **TypeScript**: I learnt MVC (Model-View-Controller) design pattern, Components, Services, Observables and HTTP libraries.
- Backend developed using **NodeJS**, **ExpressJS** and **MongoDB**: I learnt APIs, Mongoose, Socket.IO, middlewares, authentication and JWT (JSON Web Token).
- Used **Docker** to run the application using 3 different images: backend, database and frontend.

Neighbourhood Mobile App ([GitHub](#)) | *University project*

- Flutter mobile app to improve neighbourhood management. Users can post needs and offer services.
- Project work for the software engineering University course, we implemented a **Flutter** frontend and a **Flask** backend, made tests for every functionality and wrote software engineering documents.
- Developed a Flask server, managed a **PostgreSQL** database and used Azure cloud to host the server.
- Learnt how to write documents: project plan, requirements document, testing plan and design document.

Music WebApp ([GitHub](#)) | *University project*

- Web app having music artists, which can upload songs, albums..., and listeners, which can like artists' items.
- Led a team of 3: organized meetings, delegated tasks, helped teammates... leading to a final grade of 100%.
- Project for the DB course: we used Python, **Flask**, SQLAlchemy, and **PostgreSQL** for the backend and we used HTML/CSS/JavaScript, Bootstrap, and Jinja for the frontend.
- Learnt PostgreSQL in depth: defining schema, defining triggers, defining roles, and implementing security.
- Learnt Flask & SQLAlchemy in depth: routes, login, forms, security, bcrypt, engine, session, tables.