

# Emanuele Dall'Ara

Computer Science Engineering · Full Stack Developer

📍 Cesena, Italy 📧 emanuele.dallara99@gmail.com

[Website](#)

[Linkedin](#)

[Github](#)

## Education

### Master in Computer Science and Engineering

2021 - present

Alma Mater Studiorum, University of Bologna

### Bachelor in Computer Science and Engineering

2018 - 2021

Alma Mater Studiorum, University of Bologna

### Technical Technological Diploma

2013 - 2018

ITT Blaise Pascal, Cesena

## Experience

### DERNetSoft Inc — Full Stack Developer

Nov 2020 - Oct 2023

React · React Native · Javascript · Typescript · CSS · HTML · Jest · Redux · Express · Node · MongoDB · Docker · GCP · Github · Github Actions · DevOps · Python · Figma

- Engaged in full-cycle software development at an energy sector technology startup
- Participated in frontend and backend development using all technologies from MERN stack
- Crafted secure microservices APIs with standard authentication, compression, and rate limiting
- Took on project management responsibilities, including sprint planning and prioritization, to align development projects with organizational goals
- Developed data connectors to seamlessly integrate with a time-series data store, managing diverse data sources
- Automated company processes and managed GitHub, implementing task automation and DevOps practices
- Led the development of mobile application and component libraries to ensure intuitive interfaces and streamlined processes

### FabLabRomagna — IOT Developer (Internship)

Feb 2018 - Mar 2018

Raspberry Pi · Arduino · C# · Python · AutoCAD

- Designing and creating a web radio using Volumio software, an Arduino board, and a 3D printed case manufactured with AutoCAD, providing a customized and interactive radio experience

### QUEEN S.R.L — Front-End Developer (Internship)

Feb 2017 - Mar 2017

Joomla · CSM · HTML · CSS

- Create and manage websites efficiently using the Joomla content management system, enabling seamless content updates and website administration

### Flatme Networks srls — Application debugger (Internship)

Feb 2016 - Mar 2016

- Conducting comprehensive tests to identify and document software bugs, ensuring the websites optimal performance and user experience

## Latest Project

### Cards-Against-Humanity

React · Vite · Vitest · Github · Github Actions · Socket.IO · DevOps

Cards Against Humanity is a web app card game based on Vite using Socket.IO.

More details: [↗ Cards-Against-Humanity](#)

### TrackER

React · Vite · Vitest · Github · Github Actions · Socket.IO · DevOps · Microservices · Docker

Web-based energy management and sales software for vendors and building owners, focusing on resource production and consumption. More details: [↗ TrackER](#)

↗ see all of my projects on my portfolio: [↗ skillsfolio](#)

## Skills & Tools

### Languages

C · C# · Java · Scala · HTML · TypeScript · JavaScript · Python · CSS · Latex · Markdown

### Technologies, Tools & Softwares

React · React Native · Vite · Vitest · Jest · GCP · Docker · intelliJ · VS Code · Android Studio · XCode · GitHub · GitLab · Figma · Notion