

# Eric Camellini

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I am a consultant, software engineer, and trainer with a diverse professional background:

- Project management & team leadership with international teams & customers
- Organizational change, innovation & evolution
- Facilitation, Agile & Kanban, continuous improvement, collaborative decision making
- Full-stack software engineering, from design to production
- Cybersecurity, with a focus on building secure systems

I have a passion for topics revolving around [public-interest tech](#) such as ethics of technology, technology and society, digital rights, internet freedom, tech education.

## Work Experience

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### Freelance

*Change facilitator, software engineer, trainer*

**Milan, Italy**

10/2020 – now

- Consultant and facilitator on organizational change & evolution with Cocoon Pro
- Full-stack software engineering with TypeScript & React
- Lecturer for professional courses & bootcamps: programming, web dev, and Python
- TypeScript & React trainer

### Aurora Labs (part of BV Tech S.p.A.)

*Innovation Program Manager*

**Milan, Italy**

11/2020 – 07/2021

- Supported the BV Tech group in creating an innovation team: Aurora Labs
- Coordinated the hiring activities for the first team members
- Led the exploratory phase of the first project: building a cyber range

### Buildo (buildo.io)

*Software engineer, project manager*

**Milan, Italy**

05/2017 – 11/2020

- Built web applications using TypeScript, React, Scala, Docker, AWS, and Terraform
- Worked as project manager on healthcare and banking enterprise projects
- Learned and applied facilitation and collaborative decision-making techniques
- Participated in the continuous improvement of Kanban processes, team communication, and org. design

### University of California, Santa Barbara

*Research intern, Seclab (Computer Security Group)*

**Santa Barbara (CA), USA**

08/2016 – 02/2017

- Played the DEF CON CTF finals with the Shellphish team at DEF CON 24
- Master's thesis w. Profs. G. Vigna, K. Kruegel, S. Zanero, A. Machiry, published at IEEE S&P 2020

### Università degli Studi di Parma

*Research intern, WASNLab (Wireless Ad-hoc Sensor Networks Laboratory)*

**Parma, Italy**

03/2014 – 07/2014

- Bachelor's thesis project: a CoAP-HTTP cross-proxy for IoT scenarios
- Showcased the project at SPS IPC Drives 2014, EuCNC 2014, IoT & Smart Cities Ph.D. School 2014

## Education

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### Politecnico di Milano

*Master's degree cum laude in Computer Science and Engineering*

**Milan, Italy**

09/2014 – 04/2017

### Università degli Studi di Parma

*Bachelor's degree cum laude in Computer Engineering*

**Parma, Italy**

09/2011 – 07/2014

### Minima Teatro

*Theater Acting School*

**Milan, Italy**

10/2020 – now

## Study Abroad.....

### Delft University of Technology

Erasmus Exchange Programme

Delft, Netherlands

08/2015 – 01/2016

- o Research w. Prof. A. Bacchelli: data mining open-source codebases to identify buggy commits

### Warsaw University of Technology

ATHENS Programme: Ethical Aspects of Research and Engineering

Warsaw, Poland

03/2016

## Publications

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### SPIDER: Enabling Fast Patch Propagation in Related Software Repositories

Aravind Machiry, Nilo Redini, Eric Camellini, Christopher Kruegel, Giovanni Vigna

S&P 2020: 41st IEEE Symposium on Security and Privacy

## Blog Posts

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- o How we communicate in our company [read here](#)
- o Are you writing effective user stories? [read here](#)
- o Experiment, Measure, Repeat [read here](#)

## Languages

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- o Italian - Native language
- o English - Full professional proficiency (111/120 TOEFL Score, C1 level)

## Tech Skills

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### Programming languages and frameworks.....

I worked with Scala, Typescript, React, Next.js, JavaScript, Node, Python, Java, C, SQL, Bash, L<sup>A</sup>T<sub>E</sub>X.  
I played with Assembly x86, C++, PHP, R, Scheme, Racket, Haskell, Java EE, Pascal, Delphi.

### Tools and Technologies.....

I worked with Git, AWS, Docker, Terraform, Concourse CI, PostgreSQL, MySQL.

### Areas of Expertise.....

Software engineering, web apps, functional programming, cyber security, cryptography, DevOps.

## Volunteering, Communities, Conferences

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### Hack In The Box

Helping organize and judge the [HITB AI Challenge](#)

Abu Dhabi, UAE

2019

### Milano TS - Milan TypeScript Meetup

Contributing to the organization of Milano TS Meetup events

Milan, Italy

2018

### Politecnico di Milano

Buddy programme (International students support)

Milan, Italy

2016

## Interests

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- o Ethics of technology, tech and society
- o Music - I play drums and love live shows
- o Craft beer
- o Reading - [goodreads.com/ecamel](https://www.goodreads.com/ecamel)
- o Mountaineering, hiking, and climbing
- o Biking and bikepacking