

# Eric Camellini | CV

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I am a software engineer/generalist with a diverse professional background:

- Full-stack software engineering, from design to production
- Cybersecurity, with a focus on building secure systems
- Project management with international customers
- Facilitation, Agile & Kanban, continuous improvement, team communication

I have a passion for topics revolving around ethics of technology, technology and society, digital rights, Internet freedom. I dream about becoming a [public-interest technologist](#).

## Work Experience

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

Milan, Italy

*Team Lead*

12/2020 – now

- Building Aurora Labs, an R&D and innovation team part of the BV Tech group
- Leading hiring, design, and development activities
- Our first project: building a cyber range

### Buildo (buildo.io)

Milan, Italy

*Software engineer, project manager*

05/2017 – 11/2020

- Built web applications using Scala, TypeScript, React, Docker, AWS, and Terraform
- Worked as project manager on healthcare and banking enterprise projects
- Learned and applied facilitation and collaborative decision-making techniques
- Built a platform for vulnerability researchers, including end-to-end encryption and a DB integrity system
- Collaborated day-to-day with designers and customers, to support requirements gathering and UX design
- Participated in the continuous improvement of Kanban processes, team communication, and org. design

### University of California, Santa Barbara

Santa Barbara (CA), USA

*Research intern, Seclab (Computer Security Group)*

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

Parma, Italy

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

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

Milan, Italy

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

09/2014 – 04/2017

### Università degli Studi di Parma

Parma, Italy

*Bachelor's degree cum laude in Computer Engineering*

09/2011 – 07/2014

### Study Abroad.....

#### Delft University of Technology

Delft, Netherlands

*Erasmus Exchange Programme*

08/2015 – 01/2016

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

#### Warsaw University of Technology

Warsaw, Poland

*ATHENS Programme: Ethical Aspects of Research and Engineering*

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

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