

Margherita Lazzarini

Software developer

<http://www.margheritalazzarini.com>

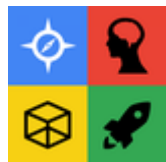
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Experience



Collaborne BV, Amsterdam (The Netherlands)

Software developer

2017 - 2018 (1 YR 1 MO)

Development of web apps supporting high-performing organizations in design thinking and lean processes.

- Developing in a microservices architecture, supported by Git and GitHub tools

- Contributing both to the backend and the frontend side of the application (mainly backend side)

- Providing operational support with AWS, Apache Kafka and Kubernetes.

Programming languages: Javascript ES6, NodeJS, Redux, Polymer framework.

Tools: Microservices architecture, Git, Github, AWS, Apache Kafka, Scrum, Kubernetes.



NOEMALIFE
WE CARE

Noemalife SPA, Bologna (Italy)

Software developer

2015 - 2017 (2 YR 1 MO)

Contribute to a Java Tomcat based application to handle anatomic pathology workflow.

- Working on systems maintenance patches and bug fixing

- Providing enhancement to existing and new system modules

- Developing and testing new modules.

Programming languages: Java 8, Oracle database and PL/SQL language. Java Swing API for frontend.

Tools: Apache Tomcat Server, Java Web Start, Hibernate framework. NetBeans as IDE. Agile development.



NOEMALIFE
WE CARE

Noemalife SPA, Bologna (Italy)

Internship for thesis

2014 (2 MOS)

Internship to write my master thesis: Design and developing of a REST application to predict and prevent chronic kidney disease.

Technologies: REST resources, EJB architecture. OLAP database and MDX queries. AngularJS v1 for frontend.

Education



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Masters of Computer Science, University of Bologna

2012 - 2014

Grade: 110 cum laude/110

Thesis: See working experience



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

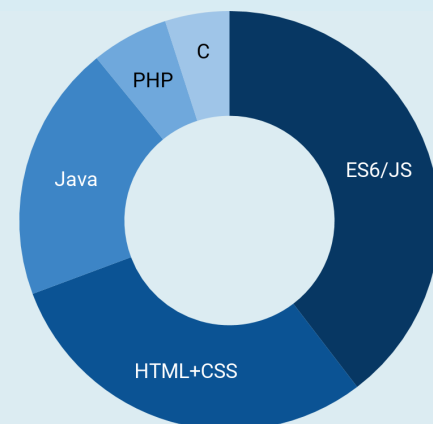
Bachelor of Computer Science, University of Bologna

2008 - 2012

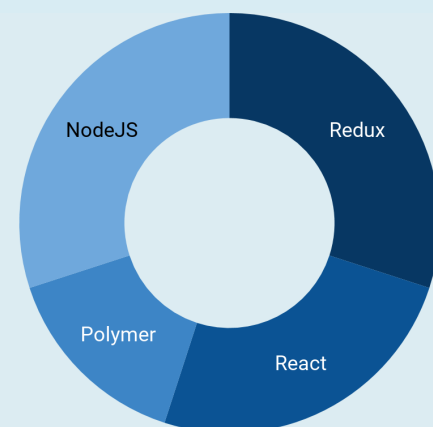
Grade: 99/110.

Thesis: Elliptic curves cryptography and Cryptokit library integration

Programming languages



Frameworks



Projects

2018 - Pair programming .vscode extension

IDE extension to support pair programming.

See

<https://marketplace.visualstudio.com/items?itemName=mlazzarini.pair-programming-timer>

2013 - ICD9-CM classifier

An automatic ICD-9-CM classifier for textual medical reports.

See

<http://www.margheritalazzarini.com/data/talk.pdf> 2012

2012 - Proxy miniHttp with prefetching

A simple HTTP proxy working on a subset of HTML. Developed in C with pthread to serve multiple HTTP requests.

See

<https://code.google.com/archive/p/prefetching/>