Margherita Lazzarini

Software developer - https://github.com/mlazzarini/

Mobile:
+41 792424597
Email:
margherita.lazzarini@gmail.com

Experience

UBS AG, Zurich (Switzerland)
Frontend developer
2018 - CURRENT
Development and maintaining main web application for e-banking.
Programming languages: Javascript ES6, ReactJS, Redux, redux-forms.
Tools: Webpack, Git, Github, Scrum, Jira, Jenkins.

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, contributing both to the **backend** and the **frontend** side of the application. Providing also 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 SPA, Bologna (Italy)
Software developer
2015 - 2017 (2 YR 1 MO)
Contribute to a Java Tomcat based application to handle anatomic pathology workflow.
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 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

Masters of Computer Science, University of Bologna
2012 -2014
Grade: 110 cum laude/110. **Thesis**: See working experience

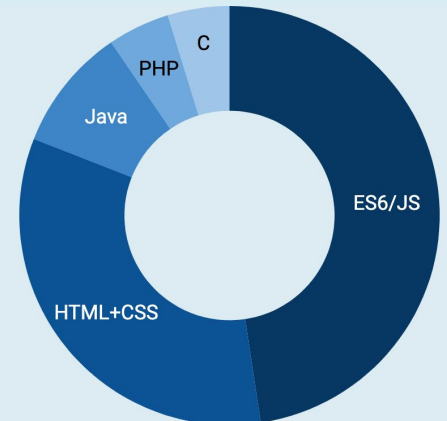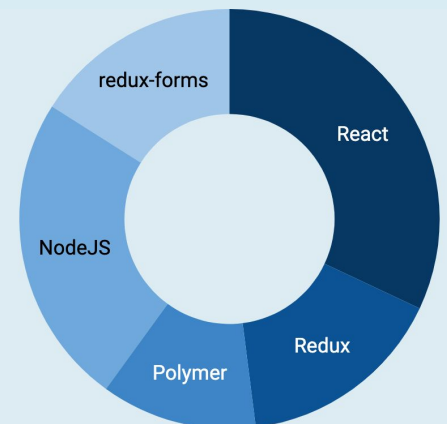**Bachelor of Computer Science**, University of Bologna
2008 - 2012
Grade: 99/110. **Thesis**: *Elliptic curves cryptography and Cryptokit library integration*

Programming languages

C
PHP
Java
ES6/JS
HTML+CSS

Frameworks

redux-forms
React
NodeJS
Redux
Polymer

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 classificator
An automatic ICD-9-CM classificator 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/