Marco Micera

B.Sc. in Computer Engineering

Italy
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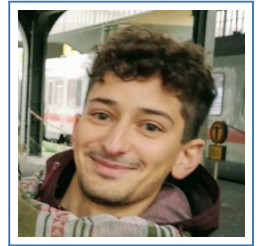
Almost an MSc in Computer Engineering, interested in cloud computing, highly motivated and looking for an international working environment.

Experience

Apr 2019 – **Research Assistant**, University of Lugano, Darmstadt, Germany.
Jul 2019   I have spent 4 months at TU Darmstadt (in collaboration with the University of Lugano, Switzerland) working on an extension of my thesis project, which will result in a paper later this year. This research aimed to include network resources (e.g., switches) into the data center resource management, to ultimately enable the so-called *in-network processing*. I implemented the scheduling logic in Scala. This research was part of the *Livesoft* project, funded by the European Research Council, Agreement nr 617805.

Sep 2016 – **Web Developer**, University of Pisa, Pisa, Italy.
Aug 2017   I contributed in developing the School of Engineering website ing.unipi.it on Joomla (credits) during my Bachelor of Science as a part-time job. I also helped improve its usability by re-arranging the content, designing a new website navigation bar and introducing infographics to help students find classrooms within the campus.

Education

2018 – 2019   **Technical University of Darmstadt**, *Master's thesis*.
Title: Data center resource management for in-network processing

2017 – 2020   **Polytechnic University of Turin**, *Master of Science*, Computer Networks Engineering.

2013 – 2017   **University of Pisa**, *Bachelor of Science*, Computer Engineering.

Skills

Programming Languages   Scala, Java, J2EE, Python, Bash/Batch scripting, Javascript, jQuery, PHP, C/C++, Java Android, OpenAPI, MySQL, HTML, CSS, Matlab

Projects

Apr 2018 – **ReBook**, Polytechnic University of Turin.
Jun 2018   A simple book sharing app for Android – github.com/madkoko/rebook

Aug 2017 – **Java Remote Terminal**, University of Pisa.
Sep 2017   Web app for remote terminal access based on Java RMI – github.com/marcomicera/jrt

Aug 2017 – **Home banking login service with One Time Password**, University of Pisa.
Sep 2017   Home banking login service with One Time Password – github.com/marcomicera/otp

Languages

Italian   **Native Speaker**, C2.

English   **Full professional proficiency**, C1 (IELTS 7.5).

Spanish   **Limited working proficiency**, B1.

German   **Elementary proficiency**, A2.

Communication Skills

- Good public speaking skills, acquired through several presentations during the Master's degree
- Good relational and organizational skills thanks to the time spent with the Erasmus Student Network association in Pisa, Turin and Darmstadt

Volunteer Experience

Jan 2018 – **Erasmus Student Network**, Turin, Italy.
Aug 2018   esntorino.it maintenance and content management

Interests

- String instruments
- Mountain biking

- Languages
- Video editing