

Matteo Remo LUZZI

PERSONAL DATA

PLACE AND DATE OF BIRTH: Terracina, Italy | 23 September 1988
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DRIVING LICENCE: B

LANGUAGES

ITALIAN: Mothertongue
ENGLISH: Fluent

EDUCATION

OCTOBER 2015	M.Sc. in Computer Engineering at University “Tor Vergata” , Rome GPA: 28/30 - Final Grade 109/110 FINAL THESIS: “A web analytics framework based on the Lambda architecture” - Advisor: Prof. Valeria Cardellini (University of Rome “Tor Vergata”), Glenn Skare Pedersen and Thomas Aalen (Vimond Media Solutions)
JUNE 2013	Exchange period at University of Bergen , Norway
AUGUST 2012	GPA: B/A (equals to 28/30)
OCTOBER 2012	B.Sc. in Computer Engineering at University “Tor Vergata” , Rome GPA: 24,5/30 - Final Grade 100/110 FINAL THESIS: “Evaluation of anonymous sharing techniques using Bloomfilters” - Advisor: Prof. Pierpaolo Loreti
JULY 2007	High School Diploma at Liceo Scientifico “L. Da Vinci” , Terracina - Final Grade: 82/100
M.Sc. EXAMS LIST	Software security Searching and machine learning Complexity theory Cryptology Inferential statistic and Markov processes Operational research Complements of mathematics Networks and system performances models Web algorithms Distributed systems and cloud computing Games theory Networks, services, systems and software engineering

WORK EXPERIENCE

<i>Current</i> NOVEMBER 2015	Software engineer at Vimond Media Solution AS , Bergen
SEPTEMBER 2015 JUNE 2015	Master thesis internship at Vimond Media Solution AS , Bergen
MAY 2015 OCTOBER 2014	Student Job at University “Tor Vergata” , Rome Part-time employee at university department library
OCTOBER 2011 DECEMBER 2011	Web Developer Back-End Java at e-buisness s.r.l. , Rome Freelance Contract for the realization of a module for the italian environment ministry website

SCHOLARSHIPS

2012 - 2013	LLP Erasmus scholarship for european student mobility
2014	Scholarship for academic merits from University “Tor Vergata” , Rome

TECHINICAL SKILLS

SOFTWARE ENGINEERING:	OOA and OOD using UML, Rational Unified Process
PROGRAMMING:	Java (Spring MVC, JSP, JSTL, JPA, Appfuse, Dropwizard) Basics of Hibernate Python (Tornado, Boto, NLTK) C Basics of: Javascript (jQuery, WebSocket), Matlab, CSS3, HTML, Assembly
IAAS:	Amazon Web Services
BIG DATA COMPUTING:	Apache Storm, Apache Spark, Apache Kafka, Elasticsearch Basics of Hadoop (Yarn, HDFS)
DBMS:	MySQL, DynamoDB, Cassandra
OS:	Microsoft Windows, Linux
TOOLS:	Git, Eclipse, HP Fortify, OWASP Zap, Rational RequisitePro, Rational Software Architect, MS Office Suite, Latex
INTERESTS:	Big data, Distributed and cloud computing, Algorithms Machine learning, Theoretical computer science

MAIN ACADEMIC PROJECTS

- Master Thesis project: design and development and deployment of a distributed application for web analytics computing. Based on the Lambda architecture approach, the system is able to perform real-time and historical analytics computing.
- Distributed P2P system written in C using Berkeley socket API.
- Security analysis of OpenXData project using static code analyzer and penetration testing tool.
- Twitter analyzer: distributed system using Apache Storm for collecting and analyzing Twitter data, including a machine learning module written in Python for sentiment evaluation - <http://twitter.com/trendsparrot>.
- Distributed web application for parking lots visualization developed with Amazon Web Services (EC2, S3, SNS, Route53, ELB, autoscaling, DynamoDB)

INTERESTS AND ACTIVITIES

- Technology, innovations, learning new topics and improving my background.
- Traveling, getting to know different cultures, music, sports, documentaries, cooking, hiking.