

Claudio Squarcella, Ph.D.¹

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KEYWORDS **Engineering Management, Data Visualization**

WORK EXPERIENCE

Senior Engineering Manager March 2020 - present
Engineering Manager March 2017 - February 2020
Frontend Software Engineer February 2016 - February 2017
Sysdig, San Francisco, United States of America

- **Working remotely** from Rome, Italy since January 2017
- Managing a **100% remote, full-stack development team**
- Building visualization for Kubernetes and Prometheus with React, D3.js, canvas

Full-stack Software Engineer September 2014 - February 2016
ThousandEyes, San Francisco, United States of America

- Developed **network path visualization** with D3.js, Angular.js, SpringMVC

EDUCATION AND RESEARCH ACTIVITY

Postdoctoral Researcher January 2014 - July 2014
Nautilus Mediterranean eXchange (NaMeX), Rome, Italy

Research Intern October 2013 - December 2013
Microsoft Skype Division, Tallinn, Estonia

- Designed and developed a Web UI to analyse **global P2P traffic**

PhD in Computer Science and Engineering 2011 - 2014
Roma Tre University, Rome, Italy

- Design of interactive interfaces to explore Internet topologies and measurements
- List of papers available at <http://www.dia.uniroma3.it/~squamcel>

Visiting Scholar August 2010 - December 2010
CAIDA, San Diego, United States of America

Research Intern October 2009 - May 2010; August 2011 - February 2012
RIPE NCC, Amsterdam, The Netherlands

- Designed and developed a Web UI for real-time monitoring of **K-root DNS**
- Extended the popular **BGPlay** UI to display histogical BGP routing

Master with honors in Computer Science and Engineering 2004 - 2010
Roma Tre University, Rome, Italy

TECHNICAL SKILLS

Visualization and Web development

- JavaScript frameworks (D3.js, React, Angular.js, Ember.js, jQuery, Raphael.js, Backbone.js), SVG, Node.js frameworks (Express, Socket.IO), SpringMVC

Other Programming Languages and Technologies

- Java, Bash, Python, C, SQL DBs, MongoDB

EXTRAS

Member of Mensa, the high IQ society since March 2013
Committer at the Apache Software Foundation since February 2012
Guitar & piano player in a post-rock band (The Pillow Factory) 2006 - 2012

¹I consent to treatment of personal data as per Italian State D. Law 196/2003.