Luca **Negrini**

Software Engineer · Static Analysis Specialist

Email | Homepage | Linkedin | Google Scholar

Experience

JuliaSoft SRL *Verona, Italy*

Software Engineer & Research Scientist *Apr 2018 - present*

- Development of the Julia Static Analyzer: software development and engeneering in Java and C#
- Research topics: static analysis of object oriented software, tools for static analysis, abstract interpretation

Click Realtà Virtuale *Cerea (VR), Italy*

Programmer *Mar 2016 - Apr 2017*

- Back-end web developer: PHP, SQL
- Front-end web developer: HTML, JS, CSS
- Virtual reality developer: Unreal Engine (C++)
- Augmented reality developer: Unity (C#)

Miscellaneous experience

Jun-Aug 2011 **Employee**, ABM Sistemi di Bellani Marco *Nogara (VR), Italy*

Jun-Aug 2010 **Farmhand**, Farmacia delle Piante *Gazzo Veronese (VR), Italy*

Jun-Jul 2009 **Internship**, ABM Sistemi di Bellani Marco *Nogara (VR), Italy*

Education

Università Cà Foscari Venezia *Venice, Italy*

PhD in Computer Science *Sept 2019 - present*

Università degli Studi di Verona *Verona, Italy*

Master Degree in Computer Science *Sept 2015 - Mar 2018*

110/110 cum laude

Università degli Studi di Verona *Verona, Italy*

Bachelor Degree in Computer Science *Sept 2012 - Mar 2016*

90/110

ITIS Guglielmo Marconi *Verona, Italy*

High School Diploma in IT *Sept 2007 - Jun 2012*

93/100

Languages

Italian	Mother language
English	Intermediate spoken and written

Interests

Professional	Software Engineering, Software Development
Scientific	Program Verification, Static Analysis, Abstract Interpretation, Cybersecurity

Publications

NF18	L. Negrini and P. Ferrara, *"SARL: Framework Modeling for Static Analysis"*, in Proceedings of the 9th Workshop on Tools for Automatic Program Analysis (TAPAS 2018), Freiburg im Breisgau, Germany, August 28, 2018

Talks

28/08/2018	SARL: Framework Modeling for Static Analysis, TAPAS 2018, Freiburg im Breisgau, Germany

Master Thesis

Title	Automatic Application Splitting
Supervisor	Prof. Fausto Spoto
Co-supervisor	Pietro Ferrara, PhD
Description	Design and implementation of advanced algorithms and application of machine learning to obtain automatic application splitting for scaling up interprocedural static analyses to industrial software