DARIO BANFI

PERSONAL INFORMATION

Born near Milan, 09 October 1991

email	dario.banfi9@gmail.com
address	Upon Request
website	https://dariobanfi.github.io
phone	(M) +49 (0) 173 262 87 54
citizenship	Italian

WORK EXPERIENCE

06/16-Now   Consultant, NETLIGHT, Munich

Netlight

Netlight is a fast-growing Europe wide consulting company focusing on the digital industry. It is heavily based on the idea of knowledge exchange, which enables firm-wide collaboration and access to specialized knowledge in any area.
NETLIGHT · https://www.netlight.com

01/17-Now   Fullstack Developer, HOLIDAYCHECK, Munich

HolidayCheck
as Consultant

HolidayCheck is one of the biggest travel portals of german-speaking countries. I worked on the authentication system and migration of legacy services and frontend code to modern technologies.
HOLIDAYCHECK · https://www.holidaycheck.de

12/16   Frontend Developer, TRILLR, Munich

Trillr
as Consultant

Trillr provides a unified shopping search interface for multiple stores. My main tasks included improving frontend automation and SEO optimizations of their Angular webapp with strict deadline requirements.
TRILLR · https://www.trillr.de

06/16–12/16   Fullstack Engineer, GLOMEX, Munich

Glomex
as Consultant

Glomex offers a global marketplace of video content for publishers and content owners. My responsibilities included fronted (React) and backend (Node.js, ElasticSearch, Microservices) development of the main customer-facing webapp.
GLOMEX GMBH · https://www.glomex.com

08/15–02/16   Internship, NICTA, now DATA61 — Sydney

Data61

NICTA (National ICT Australia) is Australia's Information and Communications Technology Research Centre of Excellence. The internship, in the field of Software Defined Networking and Multipath Routing, constituted my Master Thesis. A paper of my research is being submitted for LCN 2016.
NICTA/DATA61 · https://www.nicta.com.au

2014–2016   Software Developer, WEPTUN GMBH — Munich

Weptun

Java/Android development job in a mobile-focused company. Engineering of real-time & low latency streaming solutions over LTE (front-end and back-end), a JavaScript mobile security framework and multiple other apps. Extensive collaboration with Nokia Solution Networks, including live streaming demos at WTA finals in Singapore and F1 Shanghai GP.
WEPTUN GMBH · http://www.weptun.de

2013–2014   Software Developer, REPLY — Turin

Security Reply

Started as an bachelor thesis internship and continued as a Student Job, I designed and built a Threat Intelligence Platform, crawling data from multiple feeds (vulnerabilities

databases, Pastebin, Social Media) and generate appropriate notification for vulnerable targets.

Reply SpA · http://www.reply.eu

2009–2013	Consulting & IT Support, Owest Africa — Milan

Owest Africa

Container Shipping company to Western Africa. Responsibilities included Windows Server, Network and Software management, accounting and business optimization through Information Technology.

Owest Africa · http://www.owestafrica.com

EDUCATION

2014-2016	Technische Universität München, Munich

MSc in Informatics

GPA: 1.5 · Master Degree in Informatics
Field of Specialization: *Distributed Systems, Networks and Security.*
Thesis: *Endpoint-Transparent Multipath in Software Defined Networks*
Advisor: Prof. Dr.-Ing Georg Carle

2012	Universitat Autònoma de Barcelona, Barcelona

Erasmus Exchange

Stay of 6 months under the Erasmus student program in the Faculty of Engineering, UAB

2010-2013	The University of Turin, Turin

BSc in Informatics

GPA: 105 · Bachelor Degree in Informatics
Thesis: *Design and development of a service for threat-intelligence gathering and notification*
Advisor: Prof. Bergadano Francesco

COMPUTER SKILLS

Languages

Python, Java, JavaScript (>5 years) · C#, C (>3 years) · PHP, Bash, JSP, ASP (Occasional Projects)

Development Tools

IDEs: Eclipse, Intellij Suite, Visual Studio, VIM
Version Control: GIT, SVN, TFS
Compilers & Debuggers: **Node.js**, GNU Make, GDB, PDB, GCC, Javac
Build Managers: Gradle, Apache ANT, Maven

Operating Systems

UNIX: Debian and derivatives, NixOS, MacOSX, **Docker**
Microsoft Windows and .NET Framework, WPF, Surface SDK
Android, including SDK, ADB, Rooted Apps, reverse engineering and C
C++ execution through NDK (>2 years experience)

Software Eng.

Agile Development, Scrum, Functional Programming, OOP, Continuos Integration (Jenkins), UML

Networks

IPv4/v6, standard network protocol stack (TCP/IP, DNS, DHCP, HTTP, etc.), RTP/SRTP/RTSP/ONVIF, Multipath TCP, iproute2, WebSockets
Software Defined Networking: OpenFlow, Open vSwitch, Ryu

Frameworks and Services

ElasticSearch, Apache, Postfix, Squid, Axis & JUDDI
Data representation and management: Mysql, Sqlite, XML, JSON, LaTeX
Web Frameworks: **Django**, Node Express, Wordpress, Java Spring

Frontend Technologies

React.js, Angular, Webpack, Redux, jQuery, Backbone, Ramda, Immutable.js
ES6, HTML5, JWT, SVG Interpolation, Google Analytics/GTM
Testing: Mocha, Sinon, Chai, Ava, Galen

Scholarships	2015 · Fitweltweit Scholarship from the German Academic Exchange Service (DAAD) for Master students in the field of Computer Science
	2015 · Scholarship for Research awarded by National ICT Australia
	2012 · Erasmus Scholarship
Volunteering	2015 · IFIP WG 7.3 Performance Conference
Languages	ENGLISH · Fluent (C1 - TOEFL Certificate)
	GERMAN · Intermediate (B1, Professional working proficiency)
	SPANISH · Intermediate (B1, Professional working proficiency)
	FRENCH · Intermediate (B2 - DELF CERTIFICATE)
	ITALIAN · Mother tongue
Publications	**Endpoint-Transparent Multipath Transport with Software-Defined Networks** LCN 2016 · Dario Banfi, Olivier Mehani, Guillaume Jourjon, Lukas Schwaighofer, Ralph Holz · http://ieeexplore.ieee.org/document/7796803/
Certificates	Digital image editing and Video post-production certificate at Collegio Universitario R. Einaudi (PHOTOSHOP, AFTER EFFECTS, ILLUSTRATOR, C4D)
Interests	Guitar · Ukulele · Surfing · Travelling · Geopolitics · Reading

February 6, 2017