Gil Vegliach

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Blog:	http://gilvegliach.it
Github:	http://github.com/gilvegliach
Stackoverflow:	http://goo.gl/shvInz
Languages:	EN C1+ (certified), DE B1 (certified), IT

Employment

Zalando SE, ~3 billion revenue in 2015, Berlin, as a Software Engineer (Android and Mobile API), Mar 2015–present.

- Migrated app to Dagger 2 decreasing startup time by 300% while reducing crash rate to <0.5%.
- Gave internal workshops on testability and mentored new developers fostering code quality.
- General developer work, from requirements to delivery.
- Responsible for hiring at all levels, from juniors developers to dev leads, which resulted in doubling the Android team in less than 6 months.
- Contributed to moving the mobile API to microservices which will reduce the time-to-market dramatically.

Cortado AG, Berlin, as an Android Software Engineer, Jun 2013–Feb 2015.

- Responsible for architecture of app to revamp the company with his new born start-up Templace.
- Implemented key components such as preview and file operations.
- Collaborated with UX and product teams to assess requirements.

NICTA Canberra, ACT, Australia, as a Software Engineer and Researcher intern, Aug–Dec 2012.

- Asked back to continue previous work after excellent performance.
- Expanded on the previous prototype resulting in multiple publications.

Siemens AG Munich, as a Software Engineer intern Feb–Apr 2012.

- Reduced REAgent start-up time (~40 sec) replacing Drool Fusion with ad-hoc algorithms.
- Optimized queries in Optique which resulted in a demo for external customers.

NICTA Canberra, ACT, Australia, as a Software Engineer and Research intern, Aug–Nov 2011.

- Prototyped a solution for Android security which was published at the Nasa Formal Method Symposium 2012.

Education

M.Sc. EMCL (Computational Logic in Computer Science), TUD, FUB, TUW, 2010–Apr 2013, German mark: 1.2–Excellent, thesis mark: 1.0–Excellent; Italian mark: 110/110 cum laude.

B.S. Mathematics, University of Trieste, 2006–2010, mark: 110/110 cum laude.

Relevant IT Certifications

Oracle Certified Programmer, Java SE 5/6 (OCPJP, formerly SCJP), 28 Jun 2012, score 95%

Oracle Certified Associate, Java SE 5/6 (SCJA), 10 Jul 2010, score 86%

Functional Programming Principles in Scala by École Polytechnique Fédérale de Lausanne on Coursera (https://goo.gl/vP9Kkf), score 100%

Functional Program Design in Scala by École Polytechnique Fédérale de Lausanne on Coursera (http://goo.gl/rrRViR), score 100%

Publications

The ins and outs of first-order runtime verification, 2015, with A. Bauer and J. Küstar, to appear in *Formal Methods in System Design*

From propositional to first-order monitoring, 2013, with A. Bauer and J. Küstar, *Proc. 4th International Conference on Runtime Verification (RV)*

Runtime Verification meets Android Security, 2012, with A. Bauer and J. Küstar, *NASA Formal Methods Symposium (NFM 2012)*

Incomplete Databases: Missing Records and Missing Values, 2012, workshop paper with W. Nutt and S. Razniewski, *Data Quality in Data Integration Systems (DQIS 2012)*

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