Gil Vegliach

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Languages:	EN C1+, DE B1, IT	Stackoverflow:	http://goo.gl/shvInz

KEYWORDS: Scala, Play 2.x, SBT, Java, Spring, Maven, AWS, EC2, JSON, REST, Microservices, Android, Gradle, Dagger 2, Butterknife, Retrofit, Gson, Espresso, JUnit, GHE, Git, Jira, Agile, Scrum.

Employment

TOPTAL LLC, 3% admission rate, as a Senior Software Engineer, contractor, Apr 2016-present.

- Global Mentor, helping students from low income backgrounds to make it in the industry (https://goo.gl/sbqDdC).

ZALANDO SE, ~3B rev 2015, Berlin, as a Software Engineer, Mobile API and Android, Mar 2015–present.

- Developed first high-load mobile API micro-service in Scala, 1000+ rps.
- Decreased Android app startup time by ~65% and crash rate to <0.5%.
- Developed an automated monitoring solution for content in home and campaign pages.
- Given internal workshops on testability and mentored new developers.
- Interviewed countless developers (juniors to leads), doubling the Android team in less than 6 months.
- General developer work in Scala and Java, from requirements to delivery.

CORTADO AG, Berlin, as a Software Engineer, Android, Jun 2013–Feb 2015.

- Prototyped and responsible for architecture of Cortado Corporate and Templace.
- Implemented key components such as preview, navigation, file operations, and favorites.
- Ported and adapted Personal Printing, a print job managing app.
- Collaborated with UX and product teams to assess requirements.

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

- Prototyped a solution for Android security, 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; European mark: A.

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%

Big Data Analysis with Scala and Spark by EPFL on Coursera (https://goo.gl/N8garp), score 100%

Parallel programming in Scala by EPFL on Coursera (http://goo.gl/mqKW03), score 100%

Functional Program Design in Scala by EPFL on Coursera (http://goo.gl/rrRViR), score 100%

Functional Programming Principles in Scala by EPFL on Coursera (https://goo.gl/vP9Kkf), score 100%

Computational Investing by Georgia Tech on Coursera (https://goo.gl/0M9SZg), 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)*