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Flavius V. Anton

Computer Skills

Languages: C, C++, Java, Python, Scala, Shell scripting (Bash)

Tools: Git, MySQL, Django Framework, Apache Kafka

Education

2015 - present — **Master's Degree**, *Complex Computer Networks Security*, University Politehnica of Bucharest.

2011 - 2015 — **Bachelor's Degree**, *Automatic Control & Computer Science*, University Politehnica of Bucharest, Overall GPA: 3.68.

Experience

May 2015 – August 2015 — **Software Engineering Intern**, *Google*, Mountain View, CA.
- Added first class support for protocol buffers in MySQL 5.7.
- Introduced a new MySQL native type, PROTOBUF.
- Added support for queries like INSERT, SELECT, UPDATE etc on PROTOBUF fields.

October 2014 – present — **Teaching Assistant**, *University Politehnica*, Bucharest, Introduction to Operating Systems.

July 2014 – October 2014 — **Site Reliability Engineer Intern**, *Google*, London, UK.
- Worked for Google Compute Engine SRE Team.
- Designed and wrote a console that helped Technical Support Engineers with monitoring customer GCE projects, using Python and Django Framework.

June 2013 – September 2013 — **Software Developer Intern**, *Adobe Systems*, Bucharest, Romania.
- Worked for Adobe Pass, entitlement solution for TV Everywhere.
- Wrote a Tomcat Session Manager which handled user sessions across multiple Tomcat nodes and a single common database (Couchbase).
- Developed a custom iOS User Interface Automation Framework based on KIF Framework.

March 2013 – October 2014 — **Instructor**, *lpic.ro*, Bucharest, Romania, Linux Essentials & LPIC 101.
- Introducing new people to the world of Linux and Open Source.

Individual Projects

Logo Detection System, Scala.
- Designed and implemented a distributed, pipelined architecture for analyzing images fetched from social networks, with the purpose of recognizing logos and building statistics upon them.

LCPL Compiler, Java.
- Wrote a compiler for an academic programming language called LCPL.

Mini Linux Shell, C.
- Wrote a minimalistic shell, very similar to Bash, that can run on Linux.

Links

- GitHub: http://github.com/flaviusanton
- LinkedIn: http://linkedin.com/in/fvanton
- Facebook: http://facebook.com/fvanton