

# 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.  
◦ Expected graduation date: September 2017

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

## Experience

- June 2016 – present **Software Engineering Intern**, *Google*, Mountain View, CA.  
◦ Working for Google CloudSQL team.  
◦ Added support for Local SSD as a data disk type for MySQL read replicas.  
◦ Working on monitoring and recreating Local SSD read replicas in case of disk failures.
- October 2014 – present **Teaching Assistant**, *University Politehnica*, Bucharest, Operating Systems.
- 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.
- 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>