

## POPA (BEJAN) CRISTINA-ELENA

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Date of birth: 24.07.1989  
Residence: Bucharest, Romania

### Professional experience

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- Dec. 2021 – present: **Test engineer** - Google Bucharest SRL, Romania  
Bringing a full system perspective to the team, improving testing strategies, creating automated tests.
- April 2021 – Nov. 2021: **QA automation engineer** - NortonLifeLock, Bucharest, Romania  
Actively taking part in planning the systems' integration as Avira is now part of NortonLifeLock, as well as still working for the Avira projects.
- Dec. 2016 – April 2021: **QA automation engineer** - Avira Soft, Bucharest, Romania  
Develop and maintain the automated testing platforms of several REST APIs: performance tests using Jmeter and functional tests in Postman, and two different Python in-house test platforms.  
  
Drive new feature implementation by coordinating with other teams. Investigate live production issues across systems.  
  
Develop automated tests using different tools and methodologies (TDD, BDD, CI/CD).
- May 2016 – Nov. 2016: **Python developer** - Karhoo Inc., London, UK  
Design, develop, integrate and unit-test core and API functionality for a taxi booking application.
- Feb. 2015 – April 2016: **Software engineer** - Enghouse Networks, Bucharest, Romania  
Developing and maintaining custom large scale telecommunication SaaS solutions as a full stack developer.
- Aug. 2012 – Feb. 2015: **Quality Engineer** at Jinny Software, Bucharest, Romania  
Performed various roles including quality assurance, development, release engineering, product support, as well as devops for various SaaS telecommunication projects.
- May 2012 – Aug. 2012: **Student researcher** at "Ecole Supérieure de Chimie, Physique, Electronique de Lyon", Lyon, France  
  
Researched the projection operation in zoom-in tomography and developed a custom software solution written in Matlab as a Bachelor of Science Diploma Project.
- July 2011 – Oct. 2011: **System and database administrator intern** at Romtelecom

### Technical Skills

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Programming, scripting and markup languages: Python (OOP), Java, C, Bash  
Database interaction: MySQL, Infobright, MongoDB, MariaDB, Cassandra

Quality Assurance: design and execute complex test plans and test cases, generate data to thoroughly test complex scenarios; functional, regression, performance and stress testing.

IDEs, frameworks and tools: Git (Github, Bitbucket), Postman, Newman, Mockserver, JIRA, Confluence, Lucidchart, SVN, Bugzilla, Redmine, Apache Tomcat, iReport, Putty, IntelliJ, Pycharm, Jmeter, Burp Suite, iTerm, REST.

Other skills: technical writing, product management, client, sales and tech support interaction, understanding of AWS (EC2, ELB), experienced in Agile environments (both Scrum and Kanban), Docker, RabbitMQ, Kafka

## Soft Skills

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Responsible and determined, will do all to best meet the requirements of every opportunity.

I am detail oriented and have strong team-working skills and consider that my strongest skill is the ability to learn and adapt.

## Education

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10/2018 – present	Ph.D. student - Doctoral School of Electronics, Telecommunications & Information Technology, University Politehnica of Bucharest.  Research new techniques to obtain signal watermarking based on the recent compressive sensing theory.  Research articles (experimental results based on Python implementations): <a href="https://scholar.google.com/citations?hl=en&amp;user=VrfyAE0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=VrfyAE0AAAAJ</a>
05/2019 – 08/2019	Certificate in Business Analytics: Harvard Business School Online
10/2013 – 09/2015	Master of Science: Information Technology and Communications Security - Bucharest University of Economic Studies
10/2008 – 09/2012	Bachelor of Science in Electronics and Telecommunication Engineering - Faculty of Electronics, Telecommunications and Information Technology, University Politehnica of Bucharest.
09/2004 – 08/2008	“Cantemir Voda” National College, Bucharest, Romania

## Languages

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English:	Professional working experience
Romanian:	Native

## Hobbies

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Reading, painting and spending time with my family.