

Federico Ponzi

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Work	Distributed Systems Engineer , <i>Remote, Munich</i> Actyx AG Apr 2019 Current A startup, which is bulding the operating systems of the future for Factories. A p2p-based system based on libp2p. Rust, Typescript, and other technologies.
	Big Data Engineer , <i>Jr. Consultant</i> , Altran SPA Nov 2018 Apr 2019 Worked in upgrading and integrating with existing system for the biggest italian oil company and the bulding the first datalake for the biggest italian carrier. Languages and technologies: Scala, Bash, Python, Apache Spark, Apache Hadoop/HDFS, Sqoop, Apache Oozie.
	Software Engineer , <i>Freelancer</i> Jan 2017 Current Developed apps for Android, websites and cross-platform apps with Ionic. Lanugages: Java, HTML5/JS/CSS, Swift. Customers included: one of the biggest viping company and the main Italian event for psychologists.
	Immobiliare S.p.a. , <i>Intern R&D</i> Jan 2016 Aug 2016 For the biggest italian website of real estate ads, I've explored big data solutions and developed a top-down solution with: Apache Spark, Golang (APIs for use outside the company's network), modified Re:Dash (angular, python and other) to fit our needs, Bash for system setup and for the ingestion pipeline.
Skills	Programming Languages: Java, Python, Golang, Bash, C, Typescript, Rust Operating Systems: Windows, Debian/Ubuntu (Linux based), Android Technologies: Git, Vim, IntelliJ, VSCode Spoken Languages: Italian, English
Education	University of Rome La Sapienza 2018 <i>Msc in Software Engineering, Computer Science. Grade: 110/110</i> Rome, Italy
	University of Rome La Sapienza 2016 <i>Bsc in Computer Science</i> Rome, Italy
Some projects	Some projects available through GitHub. When possible I like to publish my work with Open Source licenses. More of them can be found on GitHub: https://fponzi.me/github Isitdown.site , <i>python3, flask</i> A website to check if other websites are up or not. https://github.com/FedericoPonzi/isitdown.site TrasportiRomaBot , <i>python3, python-telegram-bot</i> A Telegram Bot to check timetables of Rome's public transport and other useful info. https://github.com/FedericoPonzi/TrasportiRomaBot Sapy , <i>Java</i> A programming language based on Basic.

<https://github.com/FedericoPonzi/Sapy>

Distributed File System, C

A multiplatform distributed file system.

<https://github.com/FedericoPonzi/MyDFS>

RankIT, Java

A social android app, to create and vote polls. Made with a NYC scholarship.

Publications	BioPen - Fusing password choice and biometric interaction at presentation level , <i>Elsevier: Pattern Recognition Letters</i> April 2018
Scholarship	Designing and developing an app for general purpose ranking of items from mathematical theory to the practical realization, especially in app development procedure. , <i>New York University (NYU)</i> January 2015
Certificates	DEVOPS200.9x: Architecting Distributed Cloud Applications , <i>Microsoft</i> Oct 2017 https://courses.edx.org/certificates/ed5e9a4670f940ffa0049a950de1fb55
	Advanced Data Structures , <i>University of California, San Diego</i> Jan 2016 https://www.coursera.org/learn/advanced-data-structures
	Introduction to Apache Spark , <i>University of California, Berkeley</i> Sept 2016 https://courses.edx.org/courses/course-v1:BerkeleyX+CS105x+1T2016
	Introduction to Linux , <i>The Linux Foundation</i> Nov 25, 2015 https://fponzi.me/introduction-to-linux-certificate
	HTML5, W3C Jul 2015 https://fponzi.me/html5-by-w3c-certificate
	Programming Mobile Applications for Android Handheld Systems , <i>University of Maryland</i> Apr 2014 https://www.coursera.org/verify/QEB489VU9J
Links	Linkedin: https://fponzi.me/linkedin Github: https://fponzi.me/github Twitter: https://fponzi.me/twitter Personal website: https://fponzi.me/ The latest version of this CV : https://fponzi.me/Resume.pdf