



# Silvio Camaldo

Computer Engineer

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## EDUCATION

Diploma of accounting and programming

ITS V. D'alessandro, Lagonegro (PZ), Italy

Bachelor's degree in Computer engineering

Università degli Studi di Salerno, Fisciano (SA), Italy

Università della Calabria, Cosenza (CS), Italy

Mendelova univerzita v Brně, Brno, Czech Republic

## LANGUAGES

Italian: native

English: C2

Czech: rudimentary

German: rudimentary

## WORK EXPERIENCE

Freelancer, previously intern | [Data Virtuality GmbH](#) (Germany)

- QA: Development of performance tests for the Data Virtuality platform, test deployment, test results analysis
- Management of Amazon EC2 instances (Linux and Windows)
- Management of RDBMS (PostgreSQL, MS SQL, MariaDB, X11)
- Management of virtual machines through Vagrant/Virtualbox
- Development of documents for technical and marketing purposes

## PROGRAMMING LANGUAGES AND FRAMEWORKS

C, Java, Python, Swift,  
C++, QT/QML, SQL, VHDL,  
COBOL, HTML, CSS, PHP,  
JavaScript, Bash, JQuery,  
Arduino C, MIPS Assembly,  
UML, QT, OpenOffice POI,  
Selenium, Slim, Latte,  
Boost, Bootstrap, iOS /  
Android frameworks,  
PhantomJS, Apache  
Cordova, Solidity

### Statement released as part of the traineeship certificate:

*It was a pleasure to have Mr. Camaldo in our team. In a very short time he was able to understand the complexity of our main product, setup the test environment and configuring and tuning the data sources needed for the benchmark. [...] He also integrated himself into the working group with a great communication and sense of responsibility, taking also part to all the team building and socialization events organized by the company. As a result, he started to be productive since his first working day in the office. We thank Mr. Camaldo for his good work and we wish him all the best for his studies and his future career. If there was the possibility, we would be happy to continue our collaboration in the future.*

- **Salvatore Raunich, CTO**

## CLOUD PLATFORMS

Amazon EC2, Heroku,  
RedHat Openshift

Assistant | Elabora - family run business

- Tech support and software development
- Creation and management of websites
- FFF / FDM 3D printing, UAV piloting
- Multimedia production and editing

Imparting private lessons on ICT topics/exams to university students

## DEV TOOLS

SVN, Slack, Atlassian suite  
(Jira, wiki etc), Vagrant,  
Data Virtuality suite,  
MariaDB, MySQL, MS SQL  
Server, Oracle X11, Teiid,  
Apache JMeter, SQLite,  
Apache web server,  
Wordpress, Joomla,  
Wireshark, TestDisk,  
Photorec, GitHub, Docker,  
VirtualBox, KVM, Wine,  
Ethereum blockchain and  
smart contracts, web3,  
Node-RED

## OFFICE AND MULTIMEDIA SW

All major Office suites,  
TinkerCAD, Solidworks,  
LaTeX, iMovie, Pinnacle  
Studio, OpenShot, GIMP,  
Garageband, Reaper,  
Slic3r, Cura, RepetierHost,  
similar alternatives.

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## WORKSHOPS AND INTERNATIONAL EXCHANGES

- 2 days hackaton "Programmiamo la Blockchain per il mondo delle cose" about blockchain applications on IoT devices, organized by BLOCKCHAINLAB, Talent Garden Cosenza, ASI Unical
- 2 months internship in Germany with an international team
- Erasmus+ program, 6 months in Czech Republic
- English Campus: 2-week english language full immersion program organized by Università degli Studi della Basilicata
- 1-week training/exchange in Slovenia. organized by eeStec (Local Committee Ljubljana)
- RE:Print3D, 1-week 3d printing workshop, organized by ASI Unical
- Android days: 3-day workshop on hybrid mobile app development, organized by StudentIngegneria UniSA
- Trips to Austria, Slovakia, Hungary, Japan and France

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## BUSINESS RELATED SKILLS

- Good team-working experience gained by being a member of ASI Unical and EESTEC, actively participating in project management and event organization
- PR and time management skills gained while working in the family-run business and by editing and co-authoring two locally published books

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## TECHNICAL SKILLS & ABILITIES

- Windows / Linux Server management skills
- Good experience with cloud computing services
- Good experience with relational DBMSs
- Network setup and management experience
- Knowledge of main SW design pattern
- Good experience in creating and managing websites
- Native, hybrid and web app development experience
- Knowledge of main sw development process models
- 3D printing and 3D modeling skills
- Telegram chatbot development knowledge
- Good experience with all major office suites
- Good experience with GNU / Linux (Main OS since 8+ years)
- Experience in managing social media pages
- Experience with embedded electronics (Arduino, Raspberry pi and alternatives)
- Experience with Ethereum blockchain interaction through web3 and smart contract programming via Solidity

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## OTHER SKILLS

- B European driving license
- Fast learner
- Always keeping an eye on technical and political news
- Interest in InfoSec (Cybersecurity)
- Basic Czech and German language skills
- Musical skills: guitar, bass and drums player
- Avid reader