Emanuele Viglianisi – Résumé

Address	Piazza di San Dona' 20, Trento (TN), 38122	**LinkedIn**	emanuele-viglianisi
Date of Birth	6^{th} January 1995	**Twitter**	@emavgl
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Education

2016-2018 MSc. in Computer Science at the University of Trento

Machine Learning, Big Data, Data Mining
Security Testing, Computer Vision, Distributed Systems

2013-2016 Bachelor of Computer Science degree at the University of Catania with full grades (110/110 cum laude)
Object Oriented Programming, Algorithms, Software Design, Internet Security

Experiences

Mar-Oct 2018 Internship and Master thesis at Fondazione Bruno Kessler (FBK)
Thesis: *Security Testing of Blockchain Smart Contract*
Technologies: Blockchain, Solidity, Web3JS, Truffle Framework, Node.js

Mar-Jul 2016 Internship and Bachelor thesis at *JOL WAVE TIM* on the project The Social Picture
Thesis: *Mobile Interface for acquiring images, automatic tagging and captioning.*

I have been **Microsoft Student Partner** since 2015, giving presentation about new technologies, organising tech events, mentoring and working with other MSPs around the world.

I enjoy taking part in tech events and proving my abilities in hackathons. I won, together with my team, two prizes in the *Hack.Developers 2017* hackathon in Trento with a *Python* and *Angular* web application.

Projects and Skills

I'm a student and developer, passionate about open source, hackathons and new development tools. My projects are focused on data analysis, web and mobile applications. You can find most of them on my Github page. Here are some of the most recent and interesting ones:

- **Spoken Dialog System**: Implementation of a Spoken Dialog System using Web Speech API and the FST based Generative Spoken Understanding Module. **Technologies**: Openfst, Python, Bash, Javascript, Jquery, PHP.
- **URL Categorization System**: A system able to analyze logs of web requests in order to extract the main topics for a specific geographic area. **Technologies**: Python, Gensim, PySpark, Azure HDInsight, Spark-Streaming, Hadoop, GeoPandas
- **Discriminate smiles**: discriminating between posed and spontaneous smiles from videos by analysing visual feature. **Technologies**: Python, scikit-learn, OpenCV

Python, Javascript, C#, Java:	● ● ● ● ◐	Git, Github,
Node, Docker, .NET core and ASP.NET:	● ● ● ● ○	Window, Linux, Team Working,
Jquery, Angular, React, Ionic, Android:	● ● ● ◐ ○	Microsoft Office and LibreOffice
CUDA, C, C++,	● ● ● ○ ○	
Ruby, SQL, Spark, Hadoop:	● ● ● ○ ○	