







## PERSONAL INFORMATION



## Alessandro Maggio

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Sex Male | Date of birth 09/01/2019 | Nationality Italian

## WORK EXPERIENCE

12/02/2018–Present

**Developer - Freelancer**

ViralTips Ltd., Malta (Malta)

Backend developer for projects viralgrow.io and viralstats.io.

**Technologies:** *Python - MongoDB | RESTful API - Scripting - Scraping*

21/08/2017–30/08/2017

**Internship**

Neteurope S.r.l, Capo d'Orlando (Italy)

Build cross platform application for help manager software developed by the agency, with sync online/offline function. **Technologies:** *CouchDB - Ionic*

2009–2011

**Intership - Computer equipment operator**

SDigity Informatica - 2C-Computer - Global Network, Barcellona Pozzo Di Gotto (Italy)

PC assembly and troubleshooting - Software installation - Wi-Fi and Ethernet networks creation – Web developer – Graphic.

## EDUCATION AND TRAINING

10/10/2018–Present

**Master's degree in Computer Science, "Network and Security Systems"**

University of Catania, Catania (Italy)

08/10/2014–30/11/2018

**Bachelor's degree in computer science.**

Vote 100/110

University of Catania, Catania (Italy)

**Thesis:** "DEVELOPMENT TELEGRAM-BOT TO HELP THE ORGANIZATION OF MEETINGS BETWEEN FRIENDS AND COLLEAGUES"*Algorithms - Mainframe - Computer Networks - Database - Digital Forensics - Internet security - Operating Systems - Programming Imperative / OOP, Social Media Management.*

2009–2014

**Secondary School Diploma in IT**

Vote 77/100

ITT – LSSA "Nicolò Copernico, Barcellona Pozzo Di Gotto (Italy)

*Computer technology - Electronics - Systems - Calculation*

## PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2	B1	A2	A1	B1

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Independent user	Proficient user

- Very good knowledge of Unix-type and Windows operating systems.
- Excellent knowledge in languages: C, C ++, Python, Java, HTML, JavaScript, PHP, Shell, CSS.
- Very good knowledge in frameworks: Angular, Ionic, React, React-Native, Flask, Bootstrap, Laravel, Lumen, NodeJS, jQuery.
- Excellent knowledge in databases: MongoDB, CouchDB, mySQL.

ADDITIONAL INFORMATION

Publications

**The String Matching Algorithms Research Tool**

Proceedings of the Prague Stringology Conference 2016, pages 99--111, 978-80-01-05996-8, 2016. Smart is an open source software which provides a standard framework for re-searchers in string matching. It helps users to test, design, evaluate and understand existing solutions for the exact string matching problem. Moreover it provides the implementation of (almost) all string matching algorithms and a wide corpus of text buffers. <http://github.com/smart-tool/>.

Projects

- **Telegram-InstaPy-Scheduling** is bot for telegram which helps user to schedule InstaPy.
- **myStore - Management software for jewelry** born from exigence of private client for substitute an old software with complete sets of data. With a long and strong reverse engineering it was possible to create a new software and move all data on cloud. *Technologies: AngularJS - Laravel - mySQL - Bootstrap*
- **myStoreCart** is the mobile version of myStore. Developed to facilitate the sale of products as quickly as possible. *Technologies: Angular4+ - Ionic2+*
- **Cartolibreria Giannetto** is a mobile application that allows customers to view their profile sheet and the list of school adoptions *Technologies: Ionic - NodeJS - Firebase Cloud Notification - mySQL - MongoDB*
- **Capture The Flag - UNICT 2017** - Computer security competition where teams must attack enemy machines with exploits and defend their own by inserting patches.
- **Garçon-Restaurant-Manager** - The application allows you to facilitate reservations within a restaurant. Providing a simple and intuitive interface, offering a 360 ° view of current orders to all institutions present. *Technologies: "MERN" Mongo - Express - React - Node.*
- **Telegram-DMI-Bot** is the platform that powers [@DMI\\_bot](#), a Telegram bot aided at helping students find informations about professors, classes' schedules, and more.
- **TNT-Notify** - TNT-Notify is a bot telegram that allows you to receive a notification when a new episode of your favorite TV series is online on tnt-village.
- **Food-Classification** - This Social Media Management project allow to classificate picture between food and non-food. *Technologies: Python ( skyimage, numpy, matplotlib )*

Honours and awards

Winner of Startup Weekend Catania 2016 with the project: #HASHBAG

Conferences

- Codemotion Milano 2016 - Codemotion Roma 2017
- *Workshop: "The power of the Telegram Bots"* presentation at: Google I/O Extended 2017 CT - GDG DevFest 2018 CT