







PERSONAL INFORMATION



Alessandro Maggio

 Via Nino Bixio / 9, 98051 Barcellona Pozzo Di Gotto (Italy)
 (+39) 3480989788
 aalessandromaggio@gmail.com
 <http://linkedin.com/in/aalessandromaggio>  <http://github.com/Tkd-Alex>
 Skype tkd_alex

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

WORK EXPERIENCE

12/02/2018–Present

Developer - Freelancer

Backend developer for SMM agency. Data analysis and automation.

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

10/06/2013–28/06/2013

Intership

2C-Computer, Barcellona Pozzo Di Gotto (Italy)

PC assembly and troubleshooting - Software installation - Wi-Fi and Ethernet networks creation.

2012–2013

Computer equipment operator

SDigity Informatica, Barcellona Pozzo Di Gotto (Italy)

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

2009–2011

Computer equipment operator

Global Network, Barcellona Pozzo Di Gotto (Italy)

PC assembly and troubleshooting - Software installation - Wi-Fi and Ethernet networks creation.

EDUCATION AND TRAINING

10/10/2018–Present

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

Università degli studi di Catania, Catania (Italy)

08/10/2014–30/11/2018

Bachelor's degree in computer science.

Vote 100/110

Università degli studi di 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)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A2	B1	A2	A1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

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

Digital skills - Self-assessment grid

- 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 under-stand existing solutions for the exact string matching problem. Moreover it provides the implementation of (almost) all string matching algorithms and a wide cor-pus of text buffers.
The Smart source code can be downloaded at the web page <http://github.com/smart-tool/>.
It is released under the GNU general public license.
Agosto 2016 - <http://www.stringology.org/papers/PSC2016.pdf#page=109>

Projects

- **Telegram-InstaPy-Scheduling** is bot for telegram which helps user to schedule InstaPy.
- **myStore - Management software for jewelery** 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
- **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, Garçon proves to be an excellent substitute for paper and pen. 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, administration's office hours 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)*
- **GIT-Find-The-Skills** - The GOAL of GIT-Find-The-Skills is the classification of the committers present in a git repository. Each user may have collaborated differently in a project, in particular he can be a backend, frontend developer, or writer. Technologies: *JAVA (repodriller)*
- **unictf - scorebot 2019** - Scorebot is a scoring engine for CTF competitions. It is built upon a Blue Team / Red Team model, where Blue Teams defend flags against Red teams. (Blue Teams may also attack other Blue Teams to steal flags). Scoring is based upon flags stolen, scored service up time, and injects submitted (there is no scoring tracking for injects yet). Technologies: *Python (flask, mongodb)*
- **Telegram-Group-Farm** - Scraping users from Telegram groups and invite in another group. Technologies: *Python (pyrogram, mongodb, multiprocessing)*
- **IG-DM-Spammer** - Spam message with multiple Instagram accounts. The accounts are scraped from likers of diffenet target. Technologies: *Python (instabot, mongodb, multiprocessing)*
- **instabot - PR #1008** - Pull request for the open source project instabot. Implement the login flow for emulate human pattern. Fix some POST request data. Technologies: *Python (requests)*

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