# Stefan Alexandru Andries

Software Developer

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I'm a passionate guy and when working on projects that I like I give my 100% to make something that other people can enjoy. Even though I studied Computer Science at the University, I mostly developed my Skills by myself, by studying newer technologies, development tools and also by experimenting in fields that I found much more interesting, like Game Development, Video Editing and Home Automation.

## EDUCATION

### DIPLOMA | IT and Telecommunications
**Guglielmo Marconi State Institute High School**

*2011 - 2016*                    *Tortona - Gradutation Score : 93*

Overview
- During my 5 years there I took the ECDL certificate and took part of the Erasmus+ project that let me and other students have a work experience for 5 weeks in a different European country, in my case Estonia. I also had another work experience as my pre-diploma mandatory internship.
- While studying here I got the ECDL certficate.

### Bachelor's Degree | Computer Science
**University of Eastern Piedmont**

*2016 - Present*                    *Alessandria - Current Gradutation Score : 90*

Overview
- I'm currently attending the University of Eastern Piedmont, where I have 3 exams left to take. For various reasons in my life I decided to take a break from it, feeling that I already took everything that this University had to offer me. During the years I studied here, worked for different months as a Library Assistant while following my courses and, most importantly, got my thesis done on a project I worked during my University Internship.
- While studying here I got the Samsung Innovation Camp certificate.

## SKILLS

`Programming Languages ( C, Java, JS, Python )`  `Fast Learner`

`Development tools ( Asana, Git )`

`Up to date with Market and Technology Trends`

## PERSONAL PROJECTS

Deep Space - Web Game (2013)
- Very small platform game I made many years with Construct2. Available at rastercrow.altervista.org

Italian BoxOffice -WebApp (2020)
- WebApp that I made to make it easier to follow the boxoffice earning of movies in Italy. Available at boxoffice.rastercrow.me

Alex Skills (2018 - Present)
- I developed some skills available for Alexa Devices Worldwide.
- You can search for RasterCrow on the Amazon Skills Shop, or you can find them here github.com/RasterCrow/MyAlexaSkills

Many more available on my Github profile.

## WORK EXPERIENCE

### Freelance Software Engineer
**Dedagroup**

*07/2020 - 08/2020*                    *Tortona, Italy*

Overview:
- Similar to my university internship but this time as a freelancer.
- I helped during the development of another NN, also used for real-time object detection.

### Artificial Intelligence Engineer - University Internship
**Dedagroup**

*11/2019 - 02/2020*                    *Tortona, Italy*
*Dedagroup is a multi-national company that operates on different fields in IT world. I worked at an AI Development and Data Managment branch.*

Overview:
- I have worked in the Artificial Intelligence field, with particular attention to training, inference and development of a neural network used in object detection systems.
- In particular I worked with IBM's Power AI Vision software to develop the network, but also with Python-Tensorflow-OpenCv to run the inference of said network on a device, in this case a single-board machine( RaspberryPi ) + Intel Neural Compute Stick for lower inference time.
- The final project it's the main subject of my graduation thesis.

### WebIdea.ee

*07/2015 - 08/2015*                    *Tallin, Estonia*
*WebIdea.ee was ( I think it shutdown ) a small Estonian company that made Websites and Android apps for other companies.*

Overview
- My first working experience and I got the chance to do it in Estonia thanks to the Erasmus+ project from my school.
- I helped during the development on the Android app NaviMon, by integrating new features and new menus for the app. I also helped polishing the already working features.
- I basically got my first experience of mobile development, version control and people relationships.

### Electronic Engineer - High School Internship
**Eurotek**

*09/2015 - 10/2015*                    *Tortona, Italy*
*Eurotek it's a medium-sized factory that makes electric components for other companies.*

Overview :
- Maintenance, assembly and repairing of electronic devices such as power supplies and network filters.
- I also helped in the warehouse management section.

# LANGUAGES

**Italian**
*Native or Bilingual Proficiency*

**English**
*Professional Working Proficiency*

**Romanian**
*Native or Bilingual Proficiency*

# INTERESTS

| Game Development | Movie Production |
|---|---|

| Mobile Applications | Web Development | AI |
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