

Andrea  
**Corrigan**

Software Developer



### Profile

Senior Web-Developer with more than 6 years of work experience. Worked with different programming languages for different platforms both Desktop and Mobile.



### Contact



### Skills

HTML5, CSS3, SASS, LESS, Grunt, PHP, C, C++, Java, Python, Javascript, CodeIgniter

## Work Experiences

### Self-Employment

2016 - 2018

University of Cagliari

Winner of the public announcement Laore. *Prot. n. 51295 del 09/03/2017* having as object: "Analisi e studio di un modello di piattaforma multiutenza/multidevice finalizzata alla creazione di un sistema predittivo, con funzioni di decision support system, per la gestione di areali attraverso l'impiego di algoritmi predittivi e di analisi dinamica di dati, anche massivi, di tipo multidimensionale. Tale attività sarà finalizzata all'analisi e alla ricerca scientifica su modelli algoritmici applicabili alla realizzazione di una piattaforma dedicata per la fornitura di sistemi di supporto alle decisioni specifiche per le imprese agricole, nell'ambito del progetto: "Progetto di ricerca su applicazioni predittive in ambito agricolo e ambientale in raccordo con l'Agenzia LAORI Sardegna".

<https://goo.gl/ci4hu7>

### Software Developer

2016

Animal New Tech SRI (A.N.T. SRI)

Developer of a Web Application to control the production of wheat, milk and other food products of the companies provided by Animal New Tech SRI. Animal New Tech SRI is a Spin off of University of Sassari.

### Microsoft Student Partner

2015 - 2018

Microsoft Italia

Microsoft Evangelist for three years, two of them as team leader, about:

- Microsoft Azure
- Microsoft Universal Windows Platform Apps
- Windows Phone
- Windows 10 Technologies

Presenter at several University conferences, talking about different technologies offered by Microsoft for the developers.

Presenter at the following University conferences:

- Academic Opening Meeting (October 10, 2015)
- Global Azure Bootcamp (April 23, 2015)
- Microsoft Azure for DreamSpark Academic Tour (April 2, 2016)
- GameDev Tour (December 17, 2016)

### Internship

2016

CIC I

It was compulsory internship to obtain Bachelor's Degree. Has done a real time application to control the various vehicles in the company area. This project was presented to the discussion of the thesis with title: *An application for Logistic Platform Consumer Management.*

### Freelancer

2011 - 2018

Worked on static and dynamic websites to meet the needs of different customers. For more details check the portfolio available on GitHub (<https://github.com/AsoStrife>) and the personal website (<https://andrecorrigan.com>)



---

## Education

---

- Master 's Degree [110/110]** 2016 - 2018  
*University of Cagliari, Computer Science*  
Focused on: Image Analysis Processing, Cisco Certifications, Computer Vision, Big Data (Spark), Data Mining, Decision Science.
- Bachelor 's Degree [109/110]** 2013 - 2016  
*University of Cagliari, Master Computer Science*  
Focused on: Programming Languages, Operating System, Algorithms and Data Structures, Computer Networks, Microprocessor Architecture, Object Oriented Programming, Database, Software Engineering.
- High School Graduation [83/100]** 2007 - 2012  
*Technical Institute Adelaide Genua*  
Design of computer systems, Project Management, Business Organization, Development of Web Applications in PHP with MySQL, Database.



---

## Publications

---

- Leveraging Cognitive Computing for Gender and Emotion Detection** Heraklion, Greece, June 4, 2018.  
Leveraging Cognitive Computing for Gender and Emotion Detection. Andrea Corda, Simone Cusimano, Francesca Mallocci, Lodovica Marchesi, and Diego Reforgiato Recupero. Proceedings of 4th Workshop on Sentic Computing, Sentiment Analysis, Opinion Mining, and Emotion Detection (IMSASW 2018). Co-located with the 15th Extended Semantic Web Conference 2018 (ESWC 2018). CRUR Proceedings pp. 47-56  
<http://ceur-ws.org/Vol-2111/>



---

## Cisco Certifications

---

- CCNA Routing and Switching:  
Introduction to Networks** October 20,  
2016
- CCNA Routing and Switching:  
Routing and Switching Essentials** November 15,  
2016.



---

## Relevant Projects

---

### UnicApp

UnicApp is a full open-source project that contains a set of multi-platform apps to allow the students of University Of Cagliari to check their profile. UnicApp is available for Android, iOS, Windows, Mac Os, Linux, Google Chrome and Telegram Bot.

(<https://github.com/UnicApp>)

### Leveraging Cognitive Computation Text Extraction Tools to Detect Emotions from Facial Expressions

This project is a multi-label classification system that can detect whether a given image contains a face expression. If it does, it is classified according to six possible emotions: sadness, anger, surprise, happiness, disgust, fear.

(<https://github.com/AsoStrife/Leveraging-Cognitive-Computation-Text-Extraction-Tools-to-Detect-Emotions-from-Facial-Expressions>)

### Face Recognition Project

The goal of this project was to develop a Face Recognition application using a Local Binary Pattern approach and, using the same approach, a real time Face Recognition application.

(<https://github.com/AsoStrife/Computer-Vision-Project>)

Check full portfolio at <https://github.com/AsoStrife>



---

## Languages

---

Italian

Native Speaker

English

B1



---

## Social Profiles

---