

Andrea D'Olimpio

COMPUTER SCIENCE STUDENT · GRADUATING IN 2019

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Skills

- Programming** Java, Python, C, JS, Tensorflow, Google App Engine, Polymer JS, Django, MySQL.
- Professional** Problem solving, Presentation skills, LaTeX, Git version control.
- Languages** Italian (fluent), English (fluent), Spanish (intermediate), German (beginner), Mandarin (beginner).

Education

University of Southampton

Southampton, UK

MENG IN COMPUTER SCIENCE, PREDICTED: FIRST CLASS

Sep. 2015 - PRESENT

- Passed year 1 and year 2 with all First class grades.
- Optional module choices: Machine Learning, Computer Vision, Secure Systems
- Dissertation project is a deep learning network that can generate music taking inspiration from pictures.
- Awarded Netcraft Scholarship as one of the top 10 students in the faculty.

Liceo Scientifico Amedeo Avogadro

Rome, Italy

DIPLOMA ESAME DI STATO, 100/100

Sep. 2010 - Jul. 2015

- Completed my school studies achieving 100% in the final exam.
- Covering 10 different subjects, including: Maths (10/10) and Physics (10/10).

Experience

Chrome V8 - Google GmbH

Munich, Germany

STEP SOFTWARE ENGINEERING INTERN

Jul. 2017 - Sep. 2017

- At Google I worked on Chromiumdash, a progressive web app for Chromium developers. My task was building an chromium commit impact analyser.
- Technologies I used and learnt: Python, Google Appengine, Polymer JS, NDB, Git.
- Professional development: Team work, independently looked for tasks, proactively designed and tested my implementations, collaboration with V8 team to understand their needs. Presented project in front of large audience.
- Attended 2 Internal Machine learning courses covering TensorFlow and ML theory.

HackStore Team

FREELANCE SOFTWARE DEVELOPER AND EDITOR

Dec. 2012 - Jun. 2013

- Having published OSX scripts on HackStore platform, they offered me additional editorial rights to publish scripts without moderation.
- Presented an idea for a theme styler, completed requirement analysis, the web application was created in JavaScript, HTML and CSS. iConStyler was the first theming platform for non-jailbroken iOS devices.
- Demonstrated creativity, problem solving skills, time management, and good management of the project.

Projects

Horrible Hangman

Munich, Germany

ACTIONS ON GOOGLE DEVELOPER CHALLENGE

Aug. 2017

- Horrible Hangman is a Google assistant action that lets the user play the classic hangman game.
- Built with NodeJS and Dialogflow (API.ai), with a fellow Google intern to take part Actions on Google Challenge.

Contatto

Italy and UK

HACKATHON WINNING PROJECT

Sep. 2016 - Dec. 2016

- Pebble smartwatch app that connects people on social media when they shake hands.
- Won €2,000 in Cloud services at HackCortona, decided to bring the project to the next stage.
- Designed with UML, made in C with Pebble SDK and Java with Android SDK for the companion app.

Fractal Explorer

Southampton, UK

INDIVIDUAL PROJECT

Jan. 2016

- Program to navigate and explore several fractals. Multi-threaded rendering, GUI made with Swing.

Achievements

2016	2nd Place , HackCortona	<i>Cortona, Italy</i>
2016	Winner , Hack In the Dark (WebDev internal competition at HackCortona)	<i>Cortona, Italy</i>
2016	3rd Place , SotonHack, MLH Hackathon	<i>Southampton, UK</i>
2016	AWS Prize , HackKings 3.0	<i>London, UK</i>
2017	Winner , Netcraft Phishing Kit Event	<i>Bath, UK</i>

Courses and Workshops

Coursera Machine Learning

ANDREW NG AND STANFORD UNIVERSITY

Jul. 2017 - Sep. 2017

- Covering most theoretical Machine Learning concepts.
- Passed assignments with 98%.

Udacity Deep Learning

GOOGLE

Sep. 2017

- Covering different kinds Deep learning networks and their best regularization techniques.
- Assignment: OCR in Tensorflow.

Machine Learning Workshop

CAMBRIDGE CODING ACADEMY AND J.P. MORGAN

May 2016

- Covering highlevel machine learning with Scikit-learn.
- Built a spam classifier.

Interests and Volunteering

- Volunteer at UnionFilms student cinema. Making films more accessible to people by working in a volunteer led cinema. Improved communication skills and team work, as well as time management and organisation.
- Volunteered at Ronald Mc Donald Haus, Munich, where helped with cleaning and cooking for families whose children have heart diseases.
- Traveller, visiting or living in different countries keeping my mind flexible to new ideas. My passion for travelling encouraged me to move to a new country.
- Committee of Wing Chun Club Southampton. Engaging people in learning one of the most efficient kung fu styles.
- Member of the University Triathlon Team, I believe in the latin motto: *Mens sana in corpore sano* (A healthy mind in a healthy body).

References

Available upon request.