ANDREA D'OLIMPIO

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PROFILE

Enthusiastic Computer Science student currently averaging a First. Creative self-taught Java programmer with a thirst for knowledge. Hackathon goer and winner. Fascinated by how things work, I love environments in which I can learn and grow into. Stimulated by challenges, and a great problem solver. Versatile, proactive and a good team worker. Fast learner. Interested in machine learning and, scalable and distributed systems. Determined to change the world by realising innovative IT projects. Strive for better, never settle for 'ok' solutions. Ambitious, goal achiever. Currently seeking a Software Development summer internship.

SKILLS

- Proficient in Java with knowledge of the JUnit testing;

- Experienced in Python, UML Modelling, C and Pebble SDK, Scheme, MySQL, jQuery library, and UNIX shell scripting;

- Proficient in Italian (native) and English (IELTS: 7.5). Intermediate in Spanish;

- Team work, presentation skills and TeX report writing, Git version control;

- Prominent in Maths, Logic, and problem solving.

EXPERIENCE

Sep 2016 - Present Creator and Chief Developer, Contatto project

Having won a €2,000 to spend in Cloud services at HackCortona, we have recently decided to bring the project to the next stage. The original idea was a watch-face for the Pebble smartwatch that would detect a handshake between two people which then triggered a 'follow' action on Twitter and Instagram.

Enthusiastic about this fusion between human interaction and social-networking we are working on making the project more maintainable and scalable, as well as adding more features and customisations.

Completed the UML Design of the project, I am currently working on the Pebble app and the server side, in C and Node.js. Leading my partners who are taking care of the mobile app and compatibility with other smartwatches.

Dec 2012 - Jun 2013 Software Developer and Editor, HackStore, http://hack-store.com

Having published OSX scripts on HackStore platform, they offered me additional editorial rights to publish scripts without moderation. Soon after presenting an idea for a theme styler, HackStore hired me as a freelancer to develop the project.

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 and gained experience as a front-end developer. Time management, and good management of the project.

EDUCATION

2015 - 2018   University of Southampton, BSc Computer Science

Part I   Completed with an overall mark of 85%. Developed further knowledge of Object Oriented Programming concepts from design to code, realising 3 course projects including a Fractal Explorer and a Client/Server System. Learnt about algorithms and Data Structures. Understood data management systems. Extended mathematical and logical background. Enhanced professional skills such as report writing and presentation.

Part II   Modules include: Theory of Computing, Distributed Systems and Network (project: Distributed Notification Framework), Intelligent Systems (project: AI that solves the 8-puzzle), Functional Programming, Programming language concepts, Interaction Design, Computer Systems II. Also includes a Software Engineering Group project.

2010 - 2015   Liceo Scientifico Amedeo Avogadro, Rome, Italy. Diploma Esame di Stato 100/100

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

ACHIEVEMENTS

- Achieved third place in SotonHack hackathon in partnership with Major League Hacking. Showing good team leading skills, presentation skills and strong ability to learn quickly. Rapidly familiarised myself with the Android Development environment. Introduced to Firebase Database System.

- Awarded both the 2 sponsor prizes at HackCortona2016 hackathon. Demonstrated team work skills and priorities management. The project was completed within 24h and involved the usage of C, Android SDK, Pebble SDK, Sails.js and Pusher API, the last three learnt quickly during the competition.

- Awarded a scholarship ticket to WebSummit2016. Will be able to exchange ideas with the greatest tech entrepreneurs. Planning to endorse my innovation, creativity, and business skills.

- Selected to take part in J.P. Morgan and Cambridge Coding's Machine Learning workshop. Advanced in Scikit-learn and machine learning techniques. Final project: Spam detector with 98% accuracy.

- Winner of Hack in the Dark at HackCortona2016. Showing fast thinking and good memory of HTML and CSS attributes.

- Took part in internet security hackathons hosted by Netcraft and BT GES as part of a group. Gained experience with PHP, SQL, Unix, Tor, and web security in general.

INTERESTS

- 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.

- Member of the University Triathlon Team, I believe in the latin motto: *Mens sana in corpore sano* .

- 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.

REFERENCES

Available upon request.