Carlo Donzelli

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Career Objectives

I finished my Master in Computer Science at the University of Bologna on November 2013. My studies were principally focused on knowledge of the methods, techniques and tools for the development of systems and applications that are based on information and communication technologies. Moreover, I learned about software architectures, program analysis, network systems and distributed systems.

I consider myself to be a quick learner, open-minded and very responsible. I also pride myself on being creative, eager to learn, motivated and flexible. Now I'd love to take the next step on my career path that would allow me to grow as software developer and also to improve my design and project management skills.

Computer Skills

Programming languages: Objective-C, Swift, Java, XML, MXML, ActionScript, HTML5, CSS3
Software Development: OOP, UML
Operative Systems: Apple Mac OS X, iOS , Microsoft Windows, Linux
IDE: Xcode, Eclipse, Flex, NetBeans
Tools: Podio, Jira, Slack
Version Control: Git, Github
Software Development Processes: Agile Development, Scrum, Extreme Programming

Work Experience

iOS Developer at Clapp Mobile \\ May 2014 → October 2014

I was supporting the already existing iOS dev team, implementing new features and improving upon existing ones. I was able to improve my objective-c programming skills and my knowledge of the iOS APIs. I was also responsible of the application building and distributing process.
Achievements:
- implementation and testing of MixPanel (analytics platform for mobile and web) for MitPicke, football news application.
- implementation of social network sharing, sharing interface elements and visual layout bug fixes for MitPicke application.
- implementation of e-paper issue download and archive issues browsing for FR Digital, iPad newspaper application.
- update of the archive issues browsing and downloading for Rheinische Post App, newspaper application.

Name and address of employer: Heiko Scherer, Clapp Mobile gmbh, Berlin, Germany
Type of business: developing digital strategies and products. Consulting leading publishers and brands.

Freelance iOS Developer \\ April 2013 → Present

Starting with my master thesis, I got more and more deep into iOS programming and I continued to practice and work both as personal hobby and also for third parties customers. Some of the applications i contributed to, which are available in the AppStore, are: Yeah Rapper, HandPicked, Namily and my personal project Quadrax.

Name and address of employer: Carlo Donzelli, carlodonzelli.com, Bologna, Italy
Type of business: iOS mobile applications for myself and third parties

SEO, SEM, Web Marketing, Web Developer at RTR Sports Marketing
February 2013 → February 2014

I was responsible of search engine optimization, search engine marketing and content optimization for the RTR Sports online portal. I was in charge of the complete restyling of the website which involved first a user-test analysis of the old one and then design and implementation of the new one. Finally i took part to the web marketing strategy planning, understanding web analytics data and suggesting strategies to increase traffic on the website.

Result: http://www.rtrsports.co.uk/
Name and address of employer: Riccardo Tafà, RTR Sports Marketing, Bologna, Italy
Type of business: Sports Marketing and Sponsorship consultancy agency specialized in MotoGP and Formula1.

SEO Consultant, Web Developer at My LEN Style \\
February 2013 → August 2013

First i had to analyse the most popular e-commerce platforms on the market to satisfy specific necessity of the company and then to select one between Magento, Shopify, and WooCommerce. I choose Shopify and then i had to configure, add plugins and test everything. Then I added code in order to support multi language feature and I edited a part in the theme code for responsive purposes. The e-commerce was optimised also for SEO/SEM purposes. Finally I started a social marketing campaign on the most famous social network channels.

Result: http://mylenstyle.com/
Name and address of employer: Silvia Schweiger, My LEN Style, Bologna, Italy
Type of business or sector: Italian clothing brand.

Education and training

Master's Degree in Computer Science (103/110)
January 2010 → November 2013

Knowledge of the methods, techniques and tools for the development of systems and applications that are based on Information and Communication Technologies. Open-minded and flexible approach for the solution of problems and the rapid learning of innovative methodologies and technologies. Qualified for work requiring knowledge of scientific method.
Institution: Alma Mater Studiorum, University of Bologna

Erasmus Exchange Student - February 2012 → July 2012

Acquired the necessary analytical, mathematical, decision-making, computing, communication, teamwork and leadership skills that can be used to creatively design, implement, manage, maintain and improve a wide spectrum of computer hardware, software and information systems in the modern society.
Instituton: Bogaziçi Üniversitesi, Istanbul, Turkey

Bachelor's Degree in Internet Sciences (94/110)
September 2005 → December 2009

Acquired ability to work in complex areas of computer use, coordinating within firms and markets. Acquired knowledge of the methods, techniques and tools for the development of economic, organisational and scientific systems and applications that are based on computer and communications technology, as well as the general knowledge necessary for actively appreciating and contributing to the evolution of the discipline.
Institution: Alma Mater Studiorum, University of Bologna

Languages
Italian: mother tongue
English: B2
German: A1

Personal skills
- Ability to adapt to multicultural environments, gained through my study experience as exchange student and my experience in Berlin.
- Ability to identify and solve problems thanks to the experience gained in university and experience in managing projects and workgroups.
- Ability to work in team as well as independently gained through my work experiences.
- Highly motivated
- Time management and strong organizational skills.
- Ability to meet goals and deadlines

- Quick-learner, reliable and hard worker.
- Friendly!

Projects

Quadrax: an iOS application that allows to take a photo (or load it for your camera roll) and convert it to a square image, adding coloured borders (in the specified background colour) around the original image adjacent to the longer sides. This will preserve the aspect ratio, and avoid distorting the image when scaled to a square. Available in the AppStore. Info at http://carlodonzelli.com/quadrax/

TrainSpotter: a social mobile iOS application for monitoring and analysis of train travels (master thesis dissertation). Design and development of an iPhone native application where users can share information about quality of train travels, both by user input and data collected by device's sensors.

Hearts: A client/server system for playing the famous online multiplayer card game, with lobby and chat functionalities, written in Java. Communication based on an extension of XMPP protocol.

Snakes and Ladder: A multiplayer game with shared gameplay state, written in Java using Java Remote Method Invocation (RMI) API. It relies on a distributed architecture where clients are p2p processes and the only centralised component is the registration server.

TweetSim: Implementation and analysis of a simulation of the propagation of messages through Twitter, where users can follow other users and optionally can perform a retweet; users can also respond to a specific user with a direct message. The project is developed using the simulator PeerSim, A Peer-to-Peer Simulator written in Java.