

Disheng Qiu

Nationality: Italian

Email: [REDACTED]

Birth Date: [REDACTED]

SUMMARY

Co-founder at [Wanderio](#) a multi model travel booking platform, Ph.D. in Computer Science specialized in Data Extraction and Crowdsourcing.

5 Years of experience in backend development and research related projects.

Specialist in Data Extraction and Data Integration with deep knowledge of the state of the art from research and industry.

ACTIVITY

Co-founder and Tech Lead at Wanderio: Rome, Italy (Since 2015)

Door-to-door travel planning and booking service that compares different means of transfer. Wanderio compares more than 1000 airlines companies, 300 railways companies and 30k shuttles, taxi and private transfers.

PhD in Computer Science at Università Roma Tre: Rome, Italy (Jan 2012 to Jun 2015)

The project of my research, is focused on scaling traditional Data Extraction techniques using the crowd, from simple interactions with "unskilled workers", Alfred infers extraction patterns to collect structured data from the web.

Internship in AT&T Labs: NJ, USA (May 2014 to Nov 2014)

My work involved two projects: (1) to design a NLP pipeline for topic recognition by generating linguistic models from social networks and (2) to design a Data Extraction/Source Discovery to build a comprehensive database of online product specifications from the Web.

PAST EXPERIENCES

Part Time Developer for CemitDS (Mondadori): (2012 3 months)

Web Application for analysis on Twitter (Ruby On Rails).

Part Time Tutor at Università Roma Tre: (2010-2013)

Teaching activities in Math and Computer Science (Web Applications, Database and Programming courses).

Intern at Fhoster: (2009 3 months)

Development of a web portal for the administration of users and integration of external modules for authentication and social interactions.

EDUCATION

Online courses from Coursera (ML) Stanford University (2012)

Master Degree in Computer Science Università Roma Tre (2009-2011)

Thesis topic: Predicting future locations for moving objects.
Score: 110/110 Cum Laude.

Bachelor Degree in Computer Science Università Roma Tre (2006-2009)
Thesis topic: Administration platform in SaaS environment.
Score: 110/110 Cum Laude.

LANGUAGES

Italian: Main Language.
English: Good.
Chinese: Fair.

TECHNICAL SKILLS

OS: Linux, OSX, Windows, Android, IOS.
Programming Languages: Java, Python, Ruby, C.
Development Tools: Eclipse, Redis, MongoDB, Ruby On Rails, Amazon EC2, Heroku, SVN, GIT, JQuery, Javascript, Selenium, Weka.
Additional Knowledge: Design Patterns, Data Extraction (Web Scraping), Machine Learning.

AWARDS

- Grant - Working Capital (Wanderio) – € 25k Telecom Italia 2013
- Grant - Working Capital (Alfred) – € 25k Telecom Italia 2013
- Grant - Ripartiamo dalle Idee (Wanderio) Corriere della Sera 2012
- Second place national prize (Wanderio) InnovAction Lab 2011
- Scholarship for academic merit (Master Degree) AICA Rotary 2011
- Scholarship for academic merit (Master Degree) Università Roma Tre 2011

PUBBLICATIONS

(A SELECTION)

- *A Framework for Learning Web Wrappers from the Crowd + Demo* WWW2013
V. Crescenzi, P. Merialdo, D. Qiu
- *Future Locations Prediction with Uncertain Data* PKDD2013
D. Qiu, P. Papotti, L. Blanco
- *Crowdsourcing large scale wrapper inference* DAPD2014
V. Crescenzi, P. Merialdo, D. Qiu
- *Dexter: large-scale discovery and extraction of product specifications on the web* VLDB2015
D. Qiu, L. Barbosa, X.L. Dong, Y. Shen, D. Srivastava
- *Big data linkage for product specification pages* SIGMOD2018
D. Qiu, L. Barbosa, V. Crescenzi, P. Merialdo, D. Srivastava