Tommaso Girotto

mobile: 63036562   email: tommaso.girotto91@gmail.com

Room 125, Hall I
Hong Kong University of Science and Technology
Clear Water Bay
Kowloon
Hong Kong

Graduating computer science student, seeking a career in the software development field.

Education

2012 - present **Hong Kong University of Science and Technology**
Bachelor of Engineering in Computer Science.
Key subjects:
- Programming Fundamentals & Methodology
- Object Oriented Programming & Data Structures
- Computer Organization
- Principles of Programming Languages
- Software Engineering
- Operating Systems
- Design & Analysis of Algorithms
- Java Programming
- Computer Communication Networks
- Database Management Systems
- Internet Computing
- Embedded Systems Software
- Search Engines for Web and Enterprise Data
- Design and Analysis of Computer Architectures
- Machine learning (audited)

2011 - 2012 **Polytechnic University of Turin**
Attended Mathematical Analysis and Physics courses (common to all engineering programs).

2009 - 2010 **Waterford Kamhlaba United World College of Southern Africa**
International Baccalaureate.
Selected by the Italian National Committee to join the United World College program, which aims at promoting peace among the nations through the transmission of mutual understanding to youngsters.

2005 - 2009 **Liceo Scientifico Leonardo Da Vinci (Italian public high school)**
Ordinary program.

Skills

Programming, languages, scripting languages and frameworks

      OOP: C++, Java, Javascript

      Front end: HTML, CSS (basic), Bootstrap

      Back end: PHP, Node.js

      Database: OracleSQL, MySQL, MongoDB (basic)

      Mobile: Android, iOS Swift (basic)

      Other (basic): SML, MIPS, .NET, MATLAB

Applications

      Visual Studio Web Developer, Code Blocks, Eclipse, NetBeans, XAMPP/WAMP, Apache, Google Developer Console, Amazon Web Services, Git, SSH, client/server FTP (Filezilla)

Operating Systems

      Windows, MacOS, CentOS, Ubuntu, Angstrom, Debian

Work and Internship Experiences

2015 (Feb - present)	**Ivo Ltd** Smart, smartphone-controlled music speaker design and production Ported Spotify functionality of the Ivo smartphone app to iOS and Android.
2014 - 2015 (Dec - Feb)	**Enex Srl** CO_2 industrial refrigeration Developed of a collection, storage and processing system for FTP-transmitted data from PLC-controlled chillers. Implemented using PHP and Google Cloud Platform (Debian).
2013 - 2014 (Dec - Feb)	**Makible Ltd** Open source 3D printing Fixed some of the major bugs and implemented the stop - play - pause functionality of the 5D Chrome Web App.
2011 (Jan - Mar)	**Enex Srl** CO2 industrial refrigeration Administrative data management and backup, translation of unofficial documents.

Further achievements

2012	**HKUST University and Computer Science Department Scholarships**
2011	**Davis UWC Scholarship**

2011	Admitted to the undergraduate programs of Delft University (Netherlands), Harvard (USA), University (USA), Middlebury College (USA), Dartmouth College (USA), University College of London (UK) and Edinburgh University (UK)
2008	**UWC Italian National Committee Scholarship**

Volunteering, exchange and travel experiences

2013 (June)	**Vietnam cycling trip** Cycled from Nanning (China) to Hanoi (Viet Nam).
2011 (Mar - Jun)	**House of the Migrant of Tijuana** Worked as a volunteer for three months at Casa Del Migrante de Tijuana (Mexico), where South American illegal migrants find support after being arrested and deported from the US.
2010 (Jan - Nov)	**Emhlabeni Community Service** Taught weekly Mathematics and English at the elementary school of the Emhlabeni community (Swaziland).
2009 (Apr - May)	**Johannesburg Bosco Youth Center** Worked as a volunteer in the sexual education program, where local children are taught about sexually transmitted diseases.
2009 (Jan - Nov)	**Ekwetsimbeni Sports program** Organized weekly sport activities for disabled children of the Ekwetsimbeni community (Swaziland).
2007 (Jun - Aug)	**AFS Exchange Program** Lived in Nagoya (Japan) as a member of the exchange program and attended the Nagoya International school.

Languages

Italian (native), English (professional proficiency), Spanish (basic, spoken).

Personal interests

- Football, which I played at amateurial level since I was 8;
- Technology and programming, with a focus on servers and backend operations;
- Cinema, especially black-and-white Italian movies.