

CRISTINA ZAPPULLO

Biomedical Software Engineer

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WORK EXPERIENCE

Engineer Consultant, freelance

Nov 2016 – Apr 2017

Consulted with a number of \$20,000 – \$1,000,000 worth companies on managerial and technology issues.

Architecture Software Engineer, Onboard Smarts Pty Ltd

Jul 2015 – Oct 2016

Designed architectures and developed multiple pieces of software, worth \$1,500,000 each, using Computer Vision and Machine Learning knowledge.

Formed and lead a team of software engineers and programmers and delivered projects on schedule, tested with positive results.

Set up and managed the research department. Reviewed and evaluated 20-30 scientific papers per week and made the decision of which use to further our technology.

Found and brought into the team a specialist who was essential for a \$1,500,000 worth project's success.

ICT Supporting Engineer, freelance

Aug 2014 – Jan 2015

Improved overall earnings by 10% by designing and developing the inventory management system and online selling strategies for an Italian manufactory company.

Monitored the continuous technical development of the company.

High school teacher/ Private Tutor

Sep 2003 – Dec 2014

Tutored more than 150 students in both High school and University level subjects.

Registered a satisfactory rate higher than 90%.

PORTFOLIO

Please visit www.cristinazappullo.com/portfolio/

VOLUNTARY EXPERIENCE

IET Victoria Young Professional Committee

May 2016 – Mar 2017

Lead and contributed to organize events.

Collaborated to strategy and yearly planning.

Managed the Publicity and Promotion Office.

The Smith Family

May 2015 – Jul 2015

Tutored more than 30 students in English on High school and College level subjects.

SKILLS

Fields

Computer Vision ●●●●○

Machine Learning ●●●○●

BCI ●●●●○

Medical Imaging ●●●●○

Robotics ●●●○●

Design & Management

Project Design and Management ●●●●○

Agile Methodologies ●●●○●

Architecture Software Design ●●●●○

GPU Architectures Design ●●●○●

Object Oriented, UML ●●●●○

Software

MATLAB and Simulink, Octave ●●●●○

Eclipse ●●●●○

sLoreta, Ni Multisim, Wordpress ●●●○●

R, Solidworks ●●○●○

Libraries

EEGlab, OpenCV, Cuda, ●●●●○

Point Cloud Library, Mqtt ●●●○●

Computer Languages

C++, SQL ●●●●○

HTML, CSS, PHP, Javascript ●●●○●

Python ●●○●○

Languages skills

Italian, mothertongue

English, IELTS with 8 overall score

Mandarin Chinese, A2

EDUCATION

Postgraduate course in Eu-Project Design and Management.

Apr 2015

Major in Biomedical Engineering (Specialization in Robotics) at

Campus Bio-Medico di Roma.

May 2014

Online course in Neuro-Linguistic Programming.

Aug 2014