



Alessio Falai

SOFTWARE DEVELOPER · ARTIFICIAL INTELLIGENCE STUDENT

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Education 📖



Alma Mater Studiorum - University of Bologna

M.S. IN ARTIFICIAL INTELLIGENCE · COMPUTER ENGINEERING

• Grade: -

Bologna, Italy

October 2019 - Now



Florentina Studiorum Universitas - University of Florence

B.S. IN COMPUTER SCIENCE

• Grade: 110 cum laude / 110

Florence, Italy

October 2016 - October 2019



I.T.S. Tullio Buzzi

HIGH-SCHOOL DIPLOMA IN INFORMATION AND COMMUNICATIONS TECHNOLOGY

• Grade: 100 / 100

Prato, Italy

September 2011 - July 2016

Skills 👤

TECHNICAL

Programming

Python, Java, C, C++, MATLAB

Technologies

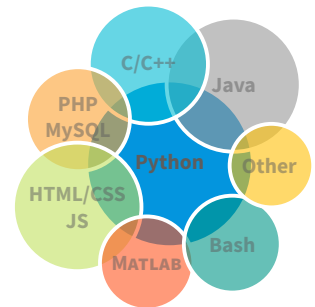
Qt, OpenCV, Django

Tools

Bash, Git, Docker, \LaTeX

Web

HTML, CSS, Javascript, jQuery, PHP, REST API, MySQL, Wordpress



INTERPERSONAL

Languages

Italian, English

Capabilities

Project planning, Project management, Teamwork, Leadership, Organization, Initiative, Curiosity, Problem solving

Hobbies

Photography, Travelling, Food culture, Cuisine



Experience 📁



Quid Informatica S.p.A.

PYTHON DEVELOPER · INTERNSHIP (3 MOS) · FREELANCE (5 MOS)

- Project → Identity documents OCR library development
- Technologies → Python, OpenCV, Django, Tesseract, Google Vision, ABBYY

Sesto Fiorentino, Florence, Italy

March 2019 - October 2019



Continental S.p.A.

PYTHON DEVELOPER · FREELANCE

- Project → Manually operated visual inspection digitalization
- Technologies → Python, Qt

Fauglia, Pisa, Italy

January 2019 - September 2019



walterquiet.com

WEBSITE ADMINISTRATOR · FREELANCE

- Project → Photography presentation website
- Technologies → Wordpress, Squarespace, Woocommerce, Leadpages, Deadline Funnel, Kajabi

December 2018 - September 2019

EasyClaims.eu · Pro Claims S.r.l.



PHP DEVELOPER · FREELANCE

- Project → Insurance claims video verification interface
- Technologies → PHP, MySQL

January 2018 - March 2018



Develer S.r.l.

PYTHON DEVELOPER · INTERNSHIP

- Project → Barcode handling GUI design and deployment
- Technologies → Python, Qt

Campi Bisenzio, Florence, Italy

June 2015

Challenges

DOMESTIC

2015 **Finalist**, RoboCup Junior Italia

Malpensa Fiere, Italy

2015 **Finalist**, OIS - Olimpiadi di Informatica a Squadre (6th edition)

University of Bologna

Projects

OPEN SOURCE SELECTION

Tablut player

AI BOARD GAME PLAYER

University of Bologna

November 2019 - December 2019

- Project → AI player which uses iterative deepening beam *minimax* search with alpha-beta pruning and transposition tables
- Technologies → Python, Qt, aima-python

Quoridor player

AI BOARD GAME PLAYER

University of Florence

June 2017 - September 2017

- Project → AI player which uses a modified version of the *jump point search* algorithm
- Technologies → Java

Holum

A TRUE HOLOGRAPHIC EXPERIENCE

I.T.S. Tullio Buzzi

December 2015 - July 2016

- Project → Multimedia hardware and GUI which aim at emulating an hologram
- Technologies → C++, SFML, sfmlMovie, OpenGL, assimp
- Tools → Myo Armband, Leap Motion

Other info

ITALIAN JOB MARKET

Si autorizza il trattamento delle informazioni contenute nel curriculum in conformità alle disposizioni previste dal d.lgs. 196/2003. Si dichiara altresì di essere consapevole che, in caso di dichiarazioni non veritiere, si è passibili di sanzioni penali ai sensi del DPR 445/00 oltre alla revoca dei benefici eventualmente percepiti.