

Francesco Dondi

The guarantee of experience, the enthusiasm for good engineering.

Latest version of this CV at: dondi.fyi/cv_en

Online (React) version of this CV at: <https://fdondi.github.io/cv-react/>

09/2025 - 11/2025 **Software Engineer , Randstad Digital for Google**

Untangling complex legacy data routing in YouTube's backend.

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in francesco-dondi

Fdondi

Born 29/10/1990

Italian citizen, C permit

Married, no children



Skills

Languages

C++



Python



Nvidia CUDA



BASH



Go



Java



Julia



C#



Data Science/ML

SQL



- Clickhouse SQL



- PostgreSQL



MongoDB



Pytorch



TensorFlow



Pandas



Numpy



Development

Git



Cursor



Jenkins CI



Gitlab CI



Web

React



REST API



Gin



gRPC



Cloud

Docker



Terraform



Helm



Linux



AWS



GCloud



Windows



Languages

English



Italiano



Deutsch



Français



Formal education

07/25–11/25 (exp.)	FRM: Financial Risk Manager (Part I), GARP		
02/24–11/24	CAS ETH in Machine Learning in Finance and Insurance, ETH Zürich		
2009–2015	Galileian School of Higher Education, University of Padua , Enriching program, 98/100		
2012–2014	Master Degree in Mathematics, University of Padua , 108/110		
2009–2012	Bachelor Degree in Mathematics, University of Padua , 110/110 <i>cum Laude</i>		
2004–2009	High School - Science Track, added IT, French, Liceo Fermi, Bologna , 100/100 <i>cum Laude</i>		

Continuous Learning

Programming languages

Aug 2024	LinkedIn	React.js Essential training	React	
May 2024	LinkedIn	gRPC in Python	Rust	
May 2024	LinkedIn	Design Patterns for Rust	C#	
Mar 2024	LinkedIn	C# and .NET Essential Training	Java	
Jan 2024	LinkedIn	Designing RESTful APIs	MATLAB	
Nov 2023	LinkedIn	C Programming for Embedded Applications	C Embedded	
Jan 2023	LinkedIn	Rust Essential Training	gRPC	
Jan 2023	LinkedIn	Level Up: Java	REST	

Design, documentation and communication

Aug 2024	LinkedIn	Communicating Time Boundaries	UML	
Jun 2024	LinkedIn	Software Design: Modeling with UML	Business planning	

Cloud and DevOps

Jul 2023	Microsoft	AZ-305: Design identity, governance, and monitor solutions on Azure	AWS Cloud	
Feb 2023	LinkedIn	AWS Certified Solutions Architect - Associate (SAA-C02)	Azure	
Jan 2023	LinkedIn	DevOps Foundations: Going Cloud Native	DevOps	

Projects



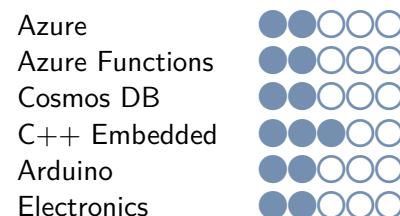
Aug 2025	Azure Affirmation website dondi.fyi/affirmation
	Azure Static Web App with Azure Function App backend, which offers works of affirmation by either sampling them from a Cosmos MongoDB, or generating through OpenAI API.
Aug 2024	AI Keyboard github.com/Fdondi/ai_keyboard
	A keyboard to perform various operations with LLMs with one click. Working on Bluetooth connection.

Hackatons

14-16/Nov/2025	HackaHealth Zürich , ETH Student House
	Help Patrick paraglide again despite paralysed legs.
26-27/Sep/2025	ZurichHack , Swiss {ai} Weeks
	Mine the Gap: Detect anomalies in an evolving knowledge graph.
11-12/Sep/2025	Energy Data Hackdays , BKW
	Smart Design of Resilient Local Energy Communities
19-20/Mar/2016	H-Farm , H-Ack Food , Reinventing the 'Bio food' experience.
12-13/Dec/2015	H-Farm , H-Ack Luxottica , Ideas for the future of glasses.

Prizes

2024	Codility Pi Challenge , Silver Award
2009	Italian Olympics of Mathematics , Gold 🥇
2008	Italian Olympics of Information Technology , Bronze 🥉



Leaderboards/training

Leetcode

Kaggle

Books to swear by

Designing Data-Intensive Applications Martin Kleppmann

Kubernetes Patterns Bilgin Ibryam, Roland Huß

Effective Java Joshua Bloch

Personal

Hobbies: Read, hike, bike, swim.