

Patryk Choma

contact

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web

🌐 [website](#)

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🐙 [GitHub](#)

languages

Italian mother tongue
English high

programming

Python
Node.js
Java
Go

technologies

Google Cloud Platform
Spanner, BigQuery,
BigTable
Cloud Functions
Git, Bash, SQL
Jest, Express
Angular, HTML, CSS
Flask, Selenium,
Behave
Android, Linux,
Windows

soft skills

Listening
Succinct Writing
Adaptability
Patience
Desire to learn
Logical thinking
Problem Solving

Experience

- | | | |
|-----------|--|-------------|
| 2022–Now | NTT Data
<i>Software Developer Engineer</i>
Work on Assicurazioni Generali's NextJenIoT project dealing with black boxes installed on cars for insurance purposes.
The project lives within the Google Cloud Platform ecosystem: The APIs are deployed as Google Cloud Functions and the data is stored on Spanner and BigQuery tables. I built, designed, deployed and maintained APIs (in Python and Nodejs) to read and interact with all device data, such as gps and acceleration data of trips and crashes. I developed both unit and integration tests to cover all use cases and extensively documented my work. | Rome, Italy |
| 2021–2022 | Ericsson
<i>VMWare Operation Engineer</i>
Managed network configurations and troubleshooted issues within the VMWare cloud stack. | Rome, Italy |
| 2020–2021 | Freelancing
<i>Freelance Developer</i>
Commissioned work on two python desktop apps with simple UIs: <ul style="list-style-type: none"> • Interface for Synology NAS to handle file upload, user creation, notification and receipt confirmation. • User friendly CRUD interface for modifying Excel files using Pandas. | Rome, Italy |
| 2018–2021 | Amministrazioni Martellucci
<i>Accounting and IT support</i>
Managed, tracked and documented the accounting. Improved workflow with excel worksheets and python scripts. | Rome, Italy |
| 2010–2020 | Tuition
<i>Private tutor</i>
Math and English language tuition lessons. Funded my studies, taught me patience and how to teach others. | Rome, Italy |

Education

- | | | |
|-----------|---|---|
| 2020–Now | Master's Degree in Computer Science
Continuing my CS studies. Courses are mostly focused on: <ul style="list-style-type: none"> • Data Science, Machine Learning and AI • Computer Vision and Computer Graphics • Cloud Computing and Big Data | Sapienza Università di Roma Rome, Italy |
| 2016–2020 | Bachelor's Degree in Computer Science
I learned all CS fundamentals, such as: <ul style="list-style-type: none"> • Algorithms and Data Structures • Relational Database Design • Object Oriented Programming My thesis was based on my work on a new API for the SeismoCloud project, which queries a MySQL database, was written in Go and deployed using Docker. | Sapienza Università di Roma Rome, Italy |

Interests

Expand my skillset, work on useful and interesting projects on different tech stacks. My main interests lie in back-end, testing and automation development but I don't mind branching out every once in a while.