

Matteo Pellegrino

✉ matteo.pelle.pellegrino@gmail.com

☎ +39 349 21 35 002

📍 Quattro Castella (RE)

🔗 matteopellegrino.me

🐙 github.com/arabello

👤 linkedin.com/in/mttpll



Experience

Research Intern, Datalogic

Jan 2020 - Jul 2020, Reggio Emilia

Machine Learning and Computer Vision internship. Development of API for synthetic image generation and augmentation.

PHP Web Developer, Multitraccia SC

Jul 2014 - Sep 2014, Reggio Emilia

Full stack development of an appointments scheduling application.

Projects

Dokey

Nov 2017 - Feb 2019

Dokey is a productivity app for professionals that turns your mobile device into a powerful controller for any kind of desktop applications.

Thanks to this project I enforced my Android (Kotlin) skill, with a particular focus to efficient and dynamic custom views. I also took care of the UI/UX design of the entire platform and brand.

Dokey was involved in the application program of AlmaCube, a startup incubator in Bologna. During this experience I learned about the startup environment and lean approach.

Hacker News Read Time

Nov 2019

Simple Chrome extension showing read time preview of news.ycombinator.com articles with sorting and filtering features. HNRT improves HN reading experience, especially during time sensitive daily activities.

TablutAI

Apr 2019 - May 2019

Competition project of the Artificial Intelligence Fundamentals course at University of Bologna.

Thanks to this project I practiced the basic fundamentals of artificial intelligence in a joyful way. The competition consisted in several teams playing against each other, driving the development of the AI in terms of smart heuristics, performances and software engineering quality.

S.A.M.

Feb 2019

SAM (Software Architecture Metrics) is a naive tool that analyzes Scala source code retrieving module-level metrics helpful to the software architect.

It was born as an educational project for the Languages and Computational Models course at University of Bologna and it is my first approach to either Scala and Clean Architecture.

Developing SAM helped me to deepen multi-paradigm languages with a special focus on functional programming. Also, I was able to concretely apply the concepts of the Clean Architecture from the homonymous book by Robert Martin.

Kotlin Safety Library Loader

Apr 2018 - Jun 2018

Bachelor degree thesis. Development of an Android module which allows to dynamically download libraries in Kotlin/ Android with digital signature checking at runtime.

The project will be used in an academic app for public transport mobility. The idea is to prevent personal user data spreading to third-party cloud systems, providing an alternative solution which aims to download executable code to elaborate personal data on the user device only.

Education

University of Bologna

Master of Computer Engineering, 2018 - 2020 (pending)

University of Bologna

Bachelor of Computer Engineering, 2015 - 2018, 104/110

I.I.S. Blaise Pascal

Upper-secondary diploma in I.T., 2010 - 2015, 100/100 (cum laude)

Languages

Italian: Native language

English: Professional working proficiency (IELTS Academic 7.0 - CEFR C1)

Other

Ferrari Case Study (Oct 2019):

I took part to the selective event "F-Factor: The Ferrari Case Study".

AlmaCube (2019-2018): I was involved into the Bologna Startup Incubator program as an engineer.

React Course (Ago 2017): React/Redux online course (38 hours).

Study Jams (2016): I lectured an Android programming course at my upper-secondary school.

GDG (2016 - 2017): I joined the Google Developers Group community of my city as an organizer.