

# DAVIDE FALCONE

## Java Developer

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github.com/Demigod21

Capannoli (PI)

## EXPERIENCE

### Java Developer

#### ExtraRed S.r.l.

Feb 2020 - Current

Pontedera

- Developed a tool with Apache Velocity and CI/CD pipelines to generate code and automate part of my daily tasks
- In charge of assigning tasks to the team and in charge of pull requests, code reviews and API definitions with other teams
- Modernization of a famous insurance-related old legacy system to AWS, using the framework OpenLegacy and Springboot
- Developed projects with Camel routes and deployed them in Docker containers, using also MongoDB and PostgreSQL, with unit tests
- Created own tutorial-projects for newcomers for Camel, CXF, Soap, Red Hat Fuse

### Machine Learning Thesist

#### Fabio Perini S.p.A.

July 2019

Lucca

- Analysis of data logs produced by a machine of a tissue production line to identify when a specific upgrade to the machine can generate revenue

### Cataloguer and R&D Operator

#### Baldacci S.r.l.

Mar 2017 - June 2019

Ponsacco

- Created the main catalogue consisting of 900 pages using Adobe InDesign and Adobe Photoshop
- Created 3D models to be printed as prototypes using Creo Parametric 5

## EDUCATION

### B.Sc. in Computer Engineering

#### Università di Pisa

Sept 2015 - July 2019

Pisa

Coursework : Software Development, Software Engineering, Web Development, Data Structures and Algorithms, Database Design, Computer Architecture, Real Analysis, Linear Algebra, Mechanics, Electromagnetism, Digital Electronics

Supervisor : Mario G.C.A. Cimino

### High School Diploma in Economics

#### I.T.C.G. E. Fermi

Sept 2010 - July 2015

Pontedera

Economics sector, administration, finance and marketing specialisation, business Information Systems focus

Final score : 100/100

## SKILLS

### Programming Languages

Java Kotlin Dart Scala (basic)  
C C++ C# (basic) SQL Matlab

### Technologies

Springboot Flutter Camel  
Android AWS Firebase  
Red Hat Fuse Docker Junit  
Maven Git OpenLegacy

### OS

Linux MacOS Windows

### Other

Office Suite Adobe InDesign  
Adobe Photoshop Creo Parametric

### Languages

Italian (native speaker) English (fluent)

## MAIN PROJECTS

### Barber Lab

Android and iOS Application.  
Custom app made in Flutter for a barber shop and its clients to manage appointments.

Published on the Google Play Store and iOS app store on December 2021

### HIIT Timer Pro

Android Application.  
HIIT timer for workouts rich of functionalities such as background timer, custom workouts and saved workouts.  
Open-source and published on the Google Play Store on December 2020

### Shou Dao School

Android application for a Martial Art School.  
Developed on Android Studio with Kotlin.  
Published on the Google Play Store on October 2019.