

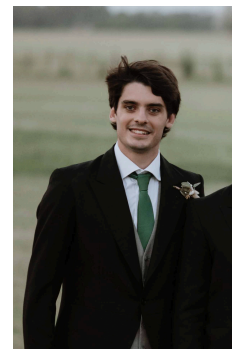
Joaquín García del Río

Software Engineer

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Github profile: <https://github.com/JoacoGDR>



Education

Software Engineering Degree – Buenos Aires' Institute of Technology (ITBA) – Jul 2017 - Dec 2023

International Baccalaureate Diploma – St. Catherine's Moorlands School

Languages: English (Fluent) - Spanish (Native tongue) - Japanese (N5) - French (B1)

Programming languages (among others): Java - C - XML - CSS - HTML - JavaScript - PostgreSQL - Python - C++ - C# - Assembly - Octave - Bash - Ruby - Dart - Terraform

Skills

Frameworks & technologies: Spring - VueJS - Android Studio - Visual Studio - Git - Unix - Maven - GCP - AWS - Docker - JUnit - Flutter - Firebase - Unity - Hibernate ORM - Tableau - PowerPoint - Excel - Node

Knowledge of: Networking - Communication Protocols - Cryptography - Non-relational databases (Neo4j - MongoDB - Elasticsearch - Redis) - Agile (SCRUM) - Artificial Intelligence (Genetic algorithms - Neural networks) - Bioinformatics - REST - Cloud computing (GCP & AWS) - VPNs - Information security - Routing protocols - Sorting algorithms - Data structures & algorithms - Object-oriented programming - Systems simulations

Projects & Collaborations

- WebApp for work & travel experiences aimed at people who are interested in labor in exchange of a place to stay (Java/Spring/Hibernate/VueJS)
- WebApp mounted 100% on GCP (Google Cloud Platform).
- Functional operating system with a terminal (C/Assembler).
- Proxy server for the SOCKSv5 protocol (C) .
- VPN server for the WireGuard protocol (C).
- Program to hide images inside others using the concept of steganography and shared secret (C).
- Multiplatform application (Android & IOS) for the managing of public transport tickets aimed at replacing Argentina's transport voucher SUBE. (Flutter/Dart/Firebase/GCP)
- Candy crush replica (Java)
- Zombies survival game based on Call of Duty's dead ops game. (Unity / C#)
- Compiler for a custom programming language aimed at solving calculus problems (LEX/YACC/C/Python)
- Android application for the managing of smart devices inside a smart home (Java/Android Studio)

Work experience

Chasing Lights: tour guide for searching northern lights in Tromsø, Norway. (02/2020)

Walter og Leonard: waiter/bartender for a restaurant and bar in Tromsø, Norway. (12/2019 - 03/2020)

Freelancing projects: developed software integrations for clients (01/2024).