Santiago Preusche

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📅 26/11/1998 🚩 Italian, Argentinean 🔗 https://spreusche.github.io/

Profile

Software Engineer with a Master's degree in the field, ready to dive into the industry.
I am passionate about technology and software development, always looking to learn and grow. My recent internship has provided me with hands-on experience, and I am excited to contribute with all my skills and knowledge while I learn more about technologies and grow as an engineer.

Education

Master Software Engineering
UAS Technikum Wien
01/2023 – 01/2024 | Vienna, Austria

Software Engineering
Instituto Tecnológico de Buenos Aires (ITBA)
2017 – 07/2024

Information Technology Analyst (associate's degree)
Instituto Tecnologico de Buenos Aires (ITBA)
2017 – 2022

Summer English Course
St. Clare's Oxford
07/2015 – 08/2015

Achievements

HackIt-BA Hackaton Finalist
2022

TechTrek Hackaton Finalist
2021

Outstanding Cambridge – ESSARP Learner: General Paper (international)
2016

Professional Experience

09/2023 – 11/2023
Vienna, Austria

Android Development Intern
Runtastic GmbH (adidas)

Languages

Spanish
Native

English
Native/Cambridge IGCSE

Programming Languages / Frameworks

- Java, Python, C, Javascript, Ruby, XML, Kotlin
- PostgreSQL, MongoDB, Neo4J, ElasticSearch
- Android Development
- Spring and Hibernate familiarity, REST api
- Agile methodologies, SCRUM, Jira

- Angular, VueJS
- Unit testing with JUnit
- Google Cloud Platform and AWS familiarity
- Git, Docker, Maven
- Teamwork and Communication

Projects

Job Searching Website
Built a Single Page Application with a RESTful API using Java, Spring, Hibernate, PostgreSQL and Angular

Android app for Pet caring
Developed an Android app with Java and Firebase for people to take care of their pets

Course As Code (Master Thesis)
Developed a text-based tool in Python for teachers to create Moodle learning courses in an easier way.

Social Events Website
Developed an API in Python using FastAPI that handles information in Neo4J and PostgreSQL databases. The information was displayed in a simple SPA made with Vue

Artificial Intelligence Projects
Developed simple AI projects: Simple and multilayered perceptron neural network. Deep learning autoencoder.

My own OS
Built a small OS with C and ASM

Proxy SOCKS5
Developed a proxy server with C capable of attending multiple clients

Android app for Training
Developed an Android app in Java for people to train and make excercise

Steganography
Developed a program capable of encoding and decoding files inside bmp images by analyzing the LSB of each byte. Written in Java