



Diego Barreiro Perez

COMPUTER SCIENCE STUDENT

Details

Santiago de Compostela
Spain
diego@barreiro.xyz

Links

diego.barreiro.xyz
github.com/barreeroo
linkedin.com/in/barreeroo

Skills

Java - Various Frameworks

Python - Web Development

JavaScript/TypeScript - React

PHP - Backend Development

C

Lua

Cloud Ops - GCP & AWS

Languages

Spanish

Galician

English

Portuguese

German

Profile

Senior student with over 7 years of solid programming experience. Curious, lead-minded, always willing to learn, and open to new technologies. Started coding as a hobby, now managing a US software company with more than 2M daily active users across the globe.

High skilled in object-oriented programming, for both small and enterprise-scale projects. Started self-taught coding with small Lua scripts, now capable of developing full-stack web applications and Android apps. Currently aiming to specialize more in compilers and machine learning areas at college.

Employment History

Chief Executive Officer, Junnovate, LLC (kodular.io), Dover DE, USA

JULY 2017 – PRESENT

Kodular is an online platform to create Android apps without coding. It started as a part-time project with other highschool students around the globe. It is now a US company that has partnered with companies like Google. Some of the most important work done is listed below:

- Created a full Service-as-a-Service platform, by developing several web applications using Java (GWT) and Python (Django).
- Managing cloud infrastructure in GCP and AWS.
- Acquired AppyBuilder and merged into a single platform, and partnered with companies like Google and Start.io.

Event Coordinator, SantYaGo10K, Santiago de Compostela

2020 – 2022

- Redesigned the home website (santiago10k.run) and improved both social accounts and SEO.
- Managed the resources for the non-profit organization by co-working with Google, Microsoft and others.

Education

Bachelor in Computer Science, University of Santiago de Compostela, Santiago de Compostela, ES

SEPTEMBER 2019 – PRESENT

Senior year majoring in Computer Science. Outgoing exchange student to Università della Svizzera Italiana (Switzerland).

Secondary Education, IES Rosalia de Castro, Santiago de Compostela, ES

SEPTEMBER 2017 – MAY 2019

- International Baccalaureate Diploma Programme, with Extended Essay in Computer Science (available at github.com/barreeroo/Monografia)
- Spanish Baccalaureate & ABAU

Internships

Software Development Engineer, Amazon, Dublin, IE

JULY 2022 – OCTOBER 2022

Time & Pay Innovation team @ People eXperience and Technology

Software Engineer, MIT, Remote

MAY 2020 – SEPTEMBER 2020

[Google Summer of Code project](#), [Final Report](#)

- Added the feature to export MIT App Inventor projects as Android App Bundles, improving the user experience with Google Play Store.
- In-depth refactor of the Compiler, preparing it for other build types like an upcoming version for iOS.

Extra-curricular activities

Volunteer, Civil Defense, Santiago de Compostela, ES

SEPTEMBER 2017 – PRESENT

- Designed the landing website (proteccioncivil.sdc.gal) and created an internal platform to manage all our internal resources (admin.pc.sdc.gal) using React and Spring Boot.
- Formed in first-aid, security, and emergencies by the AGASP (*Galician Academy for Public Security*).
- Helping police, fireman, and paramedical and EMT in special and/or crowded events and emergencies.

Tennis Player, University of Santiago de Compostela, Santiago de Compostela

SEPTEMBER 2015 – JUNE 2020

Part of the Tennis team at the University of Santiago de Compostela.

Projects

MIT App Inventor, Remote

JANUARY 2017 – PRESENT

Remote contributor to the MIT App Inventor project development. Attended MIT App inventor Summit 2019, and showcased the project at FOSDEM 2020.

BarrePolice, Telegram

MARCH 2016 – PRESENT

Created BarrePolice (t.me/BarrePolice_Bot), an open-source Telegram bot for group management written in Lua. Currently being used by more than 35,000 Telegram groups.

Misc

- Presided the 24th edition of the *San Clemente Literature Award* ceremony.
- Judge of the *Lorca, Guerra de Cal, Blanco Amor* literature prize.
- Taught programming courses using Kodular to kids in local associations.
- Participated and prize awarded in contests like Galiciencia, DICOsummit and Galicia Maker Faire.
- Interviewed several times by press, both national and international.