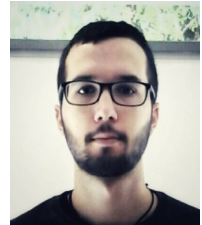


Álvaro Brey Vilas

SOFTWARE DEVELOPER

+ CONTACT



Address Galeras 16B 1D
15705 Santiago de Compostela
A Coruña, SPAIN

Telephone ☎ +34 636315776

Email ✉ alvaro.br@gmail.com

GitHub 🐙 github.com/ontherunvaro

+ EXPERIENCES

2016 - 2018 **DEVELOPER AND RESEARCHER**

CITIUS, University of
Santiago de Compostela

Full stack development with a strong focus on Android. Research in medication adherence and mHealth.

Main project: Calendula (citius.usc.es/calendula). Medication self-management Android app.

06/2015 – 09/2015 **SOFTWARE DEVELOPER (INTERN)**

Everis Spain

Internship as a software developer. Mainly Java EE development (Spring), with some Android development as well.

2015-2017 **ANDROID ROM DEVELOPER**

Personal project

Development of CyanogenMOD/LineageOS ROMs for Android devices.

Maintenance and building of Android ROMs, including system internals, kernels and applications.

Usage of several source languages and with extensive usage of version control and code review systems.

+ EDUCATION

2017-present **MASTERS DEGREE IN ARTIFICIAL INTELLIGENCE RESEARCH**

AEPIA/UIIMP

Education in machine learning, artificial intelligence, statistics and data analysis, and introduction to scientific research.

Degree imparted by the Spanish Association for Artificial Intelligence (AEPIA) and managed by the Menéndez Pelayo International University (UIIMP).

All subjects passed, currently working on End of Masters Project, titled "Architecture for a Mobile Therapy Assistant".

2012 - 2016 **IT ENGINEERING DEGREE**

University of Santiago de
Compostela

Advanced education related to computer science, included but not limited to: software programming and design, systems engineering and systems administration.

End of Degree Project defense on September 2016, with title "Java Implementation of QRS clustering algorithm". Adaptation of an existing signal processing algorithm for its deployment on Android devices.

2017 **MACHINE LEARNING COURSE**

Coursera (Stanford U.)

Machine Learning course imparted by prof. Andrew Ng of Stanford University on Coursera.

Both theoretical and practical assignments on neural networks, SVMs and other fundamental Machine Learning algorithms and related skills.

Duration: 55 hours, completed on April 2017.

+ LANGUAGES

Mother tongue **Spanish, Galician**

Foreign languages **English**, full professional proficiency, certified C2 level by Cambridge University

+ IT SKILLS

Systems administration **Linux, Android.**

Source languages **Java, Kotlin, Python, Bash, C**

Web development **HTML5, CSS3, JavaScript, NodeJS**

Database **SQL (MySQL, SQLite), MongoDB**

Tools and frameworks **Android SDK, JUnit+Mockito, Git, Maven, Gradle**

General skills **Requirement analysis, software design, systems administration**

+ PROFESSIONAL HIGHLIGHTS

I am passionate about good software development practices and clean coding.

I love trying new techniques and technologies. I am quick to learn the basics of new tools and gradually build proficiency in them.

I am an open-source enthusiast with several published repositories and contributions to many projects.

+ OTHER SKILLS AND HOBBIES

Continuous Integration (Gitlab CI, Travis, ...)

Basic skills in image editing, both bitmap (GIMP) and vector (InkScape).