

# JOÃO RIBEIRO PINTO

## biomedical engineering student

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## EDUCATION & EXPERIENCE

### master in bioengineering

branch of biomedical engineering

Faculdade de Engenharia, Universidade do Porto

license degree completed in 2015

master degree expected conclusion in 2017

### trainee at **CardioID** (since Nov. 2015)

master thesis internship, focused on the application of signal processing and machine learning for security biometric applications on noisy, off-the-person settings

### vice-chair at **EMBS UP** (since Nov. 2015)

organization and supervision of activities, projects, and workshops related to engineering in medicine and biology, and promotion of IEEE to the community

### researcher at **VILab** (Sep. 2015 - Apr. 2016)

team research on machine learning and computer vision applications (mainly for biometric recognition)

## main areas of expertise:



computer  
vision



signal  
processing



machine  
learning



mobile apps  
& GUI design



information  
systems & web



sensors &  
electronics

### programming

C/C++

Java / C#

MATLAB

Python

PHP / SQL

HTML/CSS

Javascript

LabVIEW

### software

#### ide software

Visual Studio, Android Studio, Eclipse, Netbeans, RStudio, Spyder

#### design and photo edit.

Illustrator, InDesign, Corel Draw, Photoshop, Paint.NET

#### 3d software

SketchUp, Solidworks, Rhinoceros, AutoCAD, 3Ds Max

#### & other tools...

Ms Office, Office 365, LaTeX, Google Apps, Trello, Slack, GitHub, Subversion, Bootstrap, Sass

### others

#### languages

Portuguese (native) and English (fluent)

knowledge in **bionics**, **robotics**, **control**, **actuators**, **physiology**, & others...

practise with **agile software development methodologies** (scrum), and **software testing** processes

expertise in **entrepreneurship**, **marketing**, and **design**

## SKILLS