

# João Costa

Software Engineer

+351 91 215 5937  
jopc557@gmail.com  
www.joaocosta.eu  
github.com/JD557/  
www.linkedin.com/in/jd557  
Born 27<sup>th</sup> Feb. 1991

## Interests

Artificial Intelligence      Machine Learning      Big Data  
Computer Vision      Augmented Reality      Computer Graphics  
Distributed/Parallel Computation      Functional Programming

## Experience

### Professional

- 2018 – ... **Software Engineer**, *Velocidi*, Porto.  
2014 – 2018 **Software Engineer**, *ShiftForward*, Porto, (Aquired by Velocidi).  
Worked on AdTech related applications such as an inventory forecasting engine and a private CDP. Mostly in Scala+Akka.  
2013–2014 **Computer Networks Student Assistant**, *FEUP*, Porto.  
2013 **Artificial Intelligence Student Assistant**, *FEUP*, Porto.

### Other

- 2012–2014 **Member**, *NIAEFEUP*, Porto.  
2012–2013 **Program Organizer**, *ENEI 2013*, Porto.

### Languages and Tools

<b>Proficient</b>	Java	Javascript	Scala	
<b>Comfortable</b>	Elasticsearch	HTML+CSS	Python	Ruby
	UNIX	Weka		
<b>Rusty</b>	Android	C/C++	Node.js	OpenCV
	OpenGL	PHP	SQL	
<b>Worked With</b>	ARToolkit	GNU R	Haskell	Matlab
	RapidMiner	Rust	TensorFlow	

## Publications

- 2015 **oAdaBoost: An AdaBoost variant for Ordinal Classification**, *Costa, João and Cardoso, Jaime S.*, ICPRAM, (Best Student Paper Award in Theory and Methods).  
2014 **Ensemble Methods on Ordinal Data Classification**, *Costa, João; Sousa, Ricardo and Cardoso, Jaime S.*, FEUP, (Master Thesis).

## Education

2009–2014 **Master in Informatics and Computing Engineering**, *Faculdade de Engenharia da Universidade do Porto*, 17/20.

Relevant Courses	Grades	Relevant Courses	Grades
Operational Research	19/20	Computer Graphics	19/20
Logical Programming	17/20	Graphical App. Lab.	18/20
Artificial Intelligence	15/20	Virtual & Aug. Reality	15/20
Agents & Distrib. Art. Intelligence	16/20	Computer Vision	18/20
Knowledge Ext. & M. Learning	19/20	Parallel Computing	15/20

### Extra Courses

2014 **Functional Programming Principles in Scala**, *Coursera*, 100%.

2013 **Learning From Data**, *edX*.

2013 **Quantum Mechanics and Quantum Computation**, *edX*, 96%.

2011 **Introduction to Artificial Intelligence**, *Udacity*, 83.9%.