

# Sergio García Prado

junior data { engineer, scientist }

## contact

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## social

♥ **Github** 

LinkedIn 

Stack Overflow 

Medium 

Kaggle 

## languages

spanish native

english medium

## summary

Currently, I'm starting a Bachelor's Degree of Statistics at the University of Valladolid. The reason is because of during my Bachelor's Degree of Computer Engineering the mathematical curiosity arose in me. So I think the combination of my previous engineer knowledge with my future scientific learning will be enriching to raise and solve complex problems.

During my first years of coding I've worked on different projects, related with **Android** development (like EvaluaMe), **TypeScript** version of **Angular** (like D'HondtAnalyzer) or the development of enterprise websites using **WordPress** (like during my internship at Brooktec).

But, in the last year I focus my work on numerical computation, statistical methods, machine learning algorithms and graph problems. Mostly using **Python** and libraries like **NumPy**, **Pandas** and **NetworkX**. Also, during my final degree project of Computer Engineering I have used TensorFlow to start a Graph Library on top of it.

- High Performance Algorithms
- Data Structures
- Parallel Programming
- Statistical Computation
- Data Visualization
- Machine Learning Techniques
- Graph Theory
- Code Standards (OOP - Docs - Tests)
- Agile Methodologies
- Version Control Systems (VCS)
- $\text{\LaTeX}$  Writting
- **TensorFlow** Development
- **Android** Development
- **Angular** Development

## work

2017	<b>Open Source Developer</b> Final Degree Project (5 months)	TFGraph
2016	<b>Full Stack Developer</b> Internship (4 months)	Brooktec
2015-2016	<b>Android Developer</b> Pet Project	EvaluaMe

## education

2017–present	<b>Bachelor's Degree</b> of Statistics	University of Valladolid, Spain
2013–2017	<b>Bachelor's Degree</b> of Computer Engineering Specialized in Computation	University of Valladolid, Spain
2010–2012	<b>High School</b> of Social Sciences	IES Alonso Berruguete, Spain

## academic remarks

2017	<b>Parallel Computing</b> Score: 9.9/10.0 with Honors	University of Valladolid, Spain
	<b>Operation Research Models</b> Score: 9.5/10.0 with Honors	University of Valladolid, Spain
	<b>Data Mining</b> Score: 9.0/10.0	University of Valladolid, Spain
	<b>Machine Learning Techniques</b> Score: 9.0/10.0	University of Valladolid, Spain
2016	<b>Codes and Cryptography</b> Score: 10.0/10.0 with Honors	University of Valladolid, Spain
	<b>Algorithms and Computing</b> Score: 9.5/10.0 with Honors	University of Valladolid, Spain
	<b>Web Services and Systems</b> Score: 9.0/10.0	University of Valladolid, Spain
2015	<b>Operating Systems Structures</b> Score: 9.5/10.0 with Honors	University of Valladolid, Spain
2014	<b>Fundamentals of Computer Networks</b> Score: 9.0/10.0	University of Valladolid, Spain

## courses

2017	<b>Scratch Monitor</b> 12 hours	FUNGE UVa
2016	<b>SG Academy</b> 20 hours	SolidGear
2014	<b>Plastic SCM (Software Control Manager)</b> 8 hours	Codice Software

## interests

**professional:** computing problems, data analysis, algorithms, machine learning, design patterns, web design, software design, internet of things

**personal:** motor sports, rap and classic music, turntablism, cooking, technology