

Sergio García Prado

junior data { engineer, scientist }

social

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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)
- \LaTeX Writting
- **TensorFlow** Development
- **Android** Development
- **Angular** Development

work

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

education

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

academic remarks

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

courses

2017	Scratch Monitor 12 hours	FUNGE UVa
2016	SG Academy 20 hours	SolidGear
2014	Plastic SCM (Software Control Manager) 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