

Sergio García Prado

Software Engineering | Statistics | RPA | Combinatorial Optimization

social

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summary

Hi everyone! I'm a double Bachelor's degree graduate in **Computer Engineering** and (future graduate) in **Statistics** from the University of Valladolid, in Spain. I love to solve complex algorithmic problems, especially those based on **Combinatorial Optimization** via tricky techniques. Also, I enjoy applying Mathematical and Statistical approaches to develop amazing solutions. Lately, I'm curious about **Sequential Models**, **Architectural Patterns** and the **Rust Programming Language**.

work

2018/06 – present	Software Engineer current Remote Software Engineer 1 year Software Engineer Intern 3 months	Unlimiteck Company Builder
2018/03 – 2018/08	Research Assistant Intern 6 months	University of Valladolid
2016/06 – 2016/08	Software Engineer Intern 3 months	Brooktec

projects

2020 – 2020	Helpacket Open source and collaborative platform against COVID-19	Django + Vue.js
2019 – present	jinete High Performance solving suite for the Pickup and Delivery Problem and its related extensions	Python
2017 – present	ng-katex T _E X math expressions processing on browsers boosted by KaTeX	Angular
2017	TFGraph Graph networks processing on GPUs	Python
2015 – 2016	EvaluateMe Tracker app for your school marks	Android

education

2017 – present	Statistics Bachelor's Degree	University of Valladolid
2019	Statistics Erasmus+	Università di Bologna
2013 – 2017	Computer Engineering, mention in Computation Bachelor's Degree	University of Valladolid
2011 – 2013	Social Sciences High School	IES Alonso Berruguete

publications

2017	Algorithms for Big Data: Graphs and PageRank Final Degree Project	University of Valladolid
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contests

2019	Tuenti Challenge 9 61st position	Tuenti
	HashCode 20th of Spain and 801th of the world	Google
2018	HashCode 1th of Hub and 30th of Spain	Google
2017	T3chFest 17th position	UC3M

academic remarks

2019	Statistical Models and Applications Score: 28/30	Università di Bologna
	Advanced Survival Analysis Score: 28/30	Università di Bologna
	Categorical Data Analysis Score: 9.0/10.0	University of Valladolid
2018	Statistical Computing Score: 9.0/10.0	University of Valladolid
2017	Parallel Computing Score: 9.9/10.0 with Honors	University of Valladolid
	Operation Research Models Score: 9.5/10.0 with Honors	University of Valladolid

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

courses

2018	Language Proficiency - Python 115 coding challenges	HackerRank
	Search and Use of Scientific Information 25 hours	BUVa
2017	Scratch Monitor 12 hours	FUNGE UVa
2016	SG Academy 20 hours	SolidGear
2014	Plastic SCM (Software Control Manager) 8 hours	Codice Software

languages

Spanish
Native Fluency

English
B2 Level (Erasmus+ OLS certificate)

Italian
Elementary proficiency

interests

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

personal: motor sports, rap and instrumental music (especially lo-fi beats), turntablism, cooking, biking, technology