

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

## projects

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

## education

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

## publications

2017	<b>Algorithms for Big Data: Graphs and PageRank</b> Final Degree Project	University of Valladolid
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## contests

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

## academic remarks

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

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

## courses

2018	<b>Language Proficiency - Python</b> 115 coding challenges	HackerRank
	<b>Search and Use of Scientific Information</b> 25 hours	BUVa
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

## languages

**Spanish**  
Native Fluency

**English**  
B1 Level (ACLES 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