

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

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|----------------|--|-----------------|
| 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

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|-------------|--|--------------------------|
| 2017 – 2020 | 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

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

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| 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

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|------|---|--------------------------|
| 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 |

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| | 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

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|------|---|-----------------|
| 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