

Juan Pablo Mantilla Oliveros

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Experience

2022 - Present	Co-Founder	<i>MantEch</i>
	<ul style="list-style-type: none">Responsible for market analysis and creating business and financial plan	
2020 - Present	Freelance IT	<i>Various</i>
	<ul style="list-style-type: none">Created an automatic page navigation system based on Microsoft Edge Read Aloud.	
	<ul style="list-style-type: none">Developed and maintained Backend and Frontend for web game using Django and ReactJS.	
	<ul style="list-style-type: none">Unit Testing	
	<ul style="list-style-type: none">DB management (PostgreSQL,MySQL,SQLite)	
	<ul style="list-style-type: none">Token based Authentication	
	<ul style="list-style-type: none">Algorithm Design and Implementation	
2017-10 2019-07	R&D Engineer	<i>Quantum Medical - Universitat de Barcelona</i>
<ul style="list-style-type: none">Defined and standardized protocol to extract and pre-process data from 10 years' worth of patients' records.		
<ul style="list-style-type: none">Implemented several Artificial Neural Networks to predict sedation effect of anesthetic drugs and control doses in real time		
<ul style="list-style-type: none">Participated in data collection in ORs, following OR and clean room procedures.		

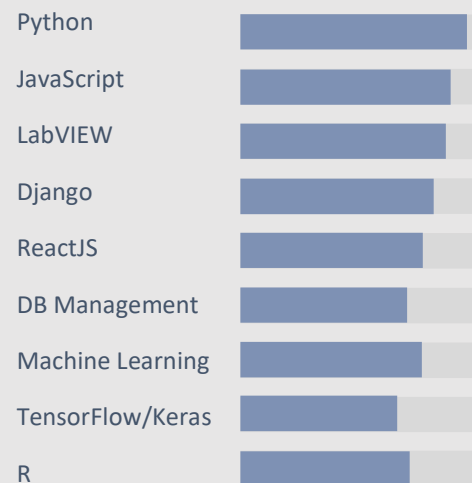
Education

2018 - 2019	Master's Degree in Innovation and Entrepreneurship in Biomedical Engineering	
	<i>Universitat de Barcelona, Barcelona, Spain</i>	
	—	Excelled in Machine learning, Financial management of biomedical firms, Management of Innovation and Entrepreneurship coursework
2014 - 2018	BS in Biomedical Engineering	
	<i>Universitat de Barcelona, Barcelona, Spain</i>	
	—	Excelled in Modeling of biological systems, Innovation and Creativity in Organizations coursework
	—	Awarded “The Best solution developed to address the needs of a health information system based on continuity of care” in the Medical Informatics and Telemedicine course.
	—	Dissertation: “Modeling and Control of Anesthetic Drug Effects on Physiological Signals Using Neural Networks.” Advisor: Dr. Pedro Gambús

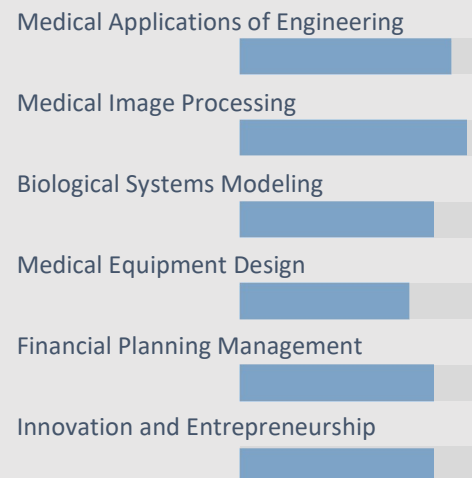
Achievements

- First place in the Autonomous Regions phase of the XXV Olimpiada Española de Biología.
- Reached the national phase of the Olimpiada Colombiana de Matemáticas 2012, 2013 and 2014.
- Completed "Biomedical Engineering: Analysis, Computing and Applications" seminars by CEEIBIS 2016.
- Excellence Award for outstanding role in HISPAMUN Model UN – 2014

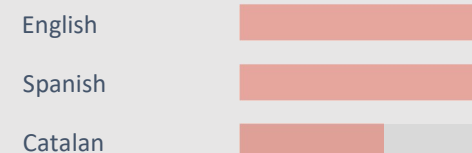
Tech Skills



Other Skills



Languages



Hobbies & Interests

Chess: 1700 rated (1900 Lichess)

Music: I play bass and guitar and love listening to live music.

Fitness: I enjoy cooking healthy food and going to the gym.