

## Pablo Criado-Perez

I'm a passionate futurist with cross disciplinary experience as a full stack developer, data scientist, manager and founder. With experience both in large companies and startups including two successful exits. I'm looking for a position to work with a great team on a product we believe in to have an exceptional impact.

### Education:

Illinois Institute of Technology	<b>BS Mechanical Engineer</b>	GPA: 3.4	<b>2009-2013</b>
● Dean's List of Excellent Scholarly Achievement and International Merit Scholarship			
Udacity	<b>Deep Reinforcement Learning Expert</b>		<b>2020</b>
HarvardX	<b>Fundamentals in Neuroscience</b>		<b>2020</b>
DelftX	<b>Certificate in Quantum Computing</b>		<b>2020</b>
Dataquest	<b>Machine Learning</b>		<b>2017</b>
Draper University	<b>Entrepreneur in Residence</b>		<b>2015</b>

### Experience:

<b>Criadoperez Inventions</b>	<b>Founder</b>	<b>2014-Present</b>
● Built MyLoop.ai a company focused on bringing to market AI algorithms for insulin pumps and CGMs		
● Developed VR, AR, Mobile apps and IoT Solutions for Actiu, for smart furniture and virtual showrooms		
● CTO of Brooklynness, smart helmet for bikers that incorporates Computer Vision to detect blind spots		
● Development of Mercury, a cryptocurrency bot for arbitrage gaining an average of 191% ROI/year		
● Built Droponic, a smart hydroponic garden featured on National Television in both the US and Europe		
● Prototyped Fintap an investment app for Millennials and presented to investors with over 2B in net worth		
<b>AIG</b>	<b>Innovation Analyst</b>	<b>2017-2019</b>
● Responsible of developing and launching new technologies with AIG global clients		
● Developed and patented a Computer Vision solution to detect wet surfaces and avoid slips and falls		
<b>Human Condition Safety</b>	<b>Polymath Engineer</b>	<b>2016-2017</b>
● Responsible for creating cutting edge products to expand the company's business		
● Delivered several successful products that were presented to C-suite managers of Fortune 500 companies		
● Projects include wearables, Smart Ladder, Smart boots and use of machine learning, VR, AR and 3D scans		
<b>Fiat Chrysler Automobiles</b>	<b>Product Engineer</b>	<b>2013-2014</b>
● Responsible for the electrical steering system of the Dodge RAM 1500 and 2017 Jeep Grand Cherokee		
● Duties related to project management, quality, engineering, design, root causing, testing, integration, vehicle dynamics, manufacturing, supply chain, cost estimation, purchasing, service and plant assembly		
● On the first two months implemented solution that saved over \$400,000 per year		
<b>IIT Motorsport SAE</b>	<b>Automotive Design Engineer</b>	<b>2012-2013</b>
IIT Motorsport is a small group of engineers that design, manufacture and race a formula electric car every year		
● Developed the Electrical Traction Control System, self-diagnostics, and performance testing		
<b>The Plant</b>	<b>Control Systems Engineer</b>	<b>Fall 2012</b>
● Automated processes and developed control systems for a non profit aquaponic farm		
<b>C.A.R. S.L</b>	<b>Co-Founder &amp; Software Engineer</b>	<b>2008-2010</b>
● Developed Car Index a data analytics platform for calculating the real operational costs of cars		
● Car Index was acquired by Audatex and is currently used by major car manufacturers like Volkswagen AG		

### Skills:

- Native Spanish and English, Fluent Portuguese and elementary proficiency in French
- C, C++, C#, JS, Node, React, React Native, JEST, Python, Go, HTML, CSS, PHP, Arduino, Tensor Flow, AWS, GCloud, Docker, Kubernetes, SQL, NoSQL, Graph DB, Sentry, OpenAi gym, Data Science and Analytics
- Proficient in Unity, Fusion, Solidworks, Matlab/Simulink, ESRI and Adobe
- Knowledge in Design for Six Sigma, Agile methodology, lean startup, CI/CD, git workflow, Design Thinking

### Activities:

- Co-Founder of The New Boheme, a regular gathering of changemakers, free thinkers and artists
- Varsity Athlete: IIT soccer team player, achieved athletic director's honor roll
- Passion for innovation, technology and extensive worldwide travelling
- Mentor for Singularity University portfolio startups