JORGE CORDERO

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Education

STANFORD GRADUATE SCHOOL OF BUSINESS   Stanford, CA
Master of Business Administration Candidate   2019 - Present
- Focus on Data-Driven Decision-Making.
- Relevant Classes: Strategic Mgmt. of Technology and Innovation; Creating and Scaling High Potential Ventures; Corps., Fin. and Governance in the Global Economy; Lean Launchpad; Managerial Finance; Strategy Beyond Markets.

STANFORD SCHOOL OF ENGINEERING   Stanford, CA
Master of Science in Artificial Intelligence Candidate   2018 - Present
- Machine Learning/Data Analysis: political predictions; athlete valuation; satellite-based poverty classification.
- Awards*: Claudio X. Gonzalez* and *CONACyT* Fellow.

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO   Mexico – Germany
Bachelor of Science in Mechatronics Engineering (GPA 9.47/10, Top 2%; *Highest Honors* thesis)   2012 - 2017
- Awards: *CONACyT, Telmex, High Academic Performance,* and *Becalos* Fellow; *UNAM-Uni Stuttgart SMILE* Scholar
- Activities: *Blue Team* Leader (Autonomous Vehicles, 2x winner of 'Autonomous Vehicle Competition'); *Lunambotics* Leader (Autonomous Robotics, NASA Tech Award); *UNAM Motorsports* member (Formula Racing).

Experience

APTIV   Troy, MI
Intern, Autonomous Vehicles   Summer 2019
- Innovation and Creativity:
    o Designed and constructed Aptiv's Localization Team first-ever performance-quantifier process of their sensor fusion algorithms for autonomous vehicles products.
- Process Optimization, Data Insights and Problem Identification:
    o Developed user-friendly sensor-data analysis tools to streamline the process of testing new autonomous features (~90% of reduction in data analysis time).

INSTITUTO NACIONAL ELECTORAL   Mexico City
Institute responsible for organizing all electoral processes in Mexico   02/2018 – 08/2018
 Professional Analyst, Software Testing Group
- Team Management:
    o Supervised the day-to-day work of 2 software engineers to develop a novel, real-time fiscalization system, to be delivered to political party customers and used during Mexico's biggest elections in history.
- Results Oriented:
    o On election day: 2,600 simultaneous accesses, 100% incidents resolved within 24 hours, 100% uptime.

MAGNO PROTECT / STARWAY   Mexico City
Bootstrapped Start-Ups focused on corporate security solutions   2017 – 2018
Engineering Leader, Magno / Co-Founder & CTO, Starway
- Leadership, Teamwork & Negotiation:
    o Supervised the complete product-development workflow of a team of 4 engineers at Magno Protect.
    o Spearheaded the development (including customer understanding and supplier negotiation) of 2 ballistic apparel projects and 2 military-grade aircraft projects in 3/4 of requested time.
- Self-Starter, Opportunity Assessment & Strategy:
    o Cofounded spinoff *(Starway)* to identify, develop and implement new technologies (telemetry, instrumentation and AI) into Magno's existing line.
    o Developed plan for customer acquisition and GTM strategy of *Starway's* first product line.

Additional

- Artificial Intelligence/Data Analysis and Programming: ML, DL, NN, NLP, Python, R, C, MatLab.
- Communication: Spanish and English Fluent (C2 Certification); basic German understanding (A2 Certification); TEDx Speaker; 20+ conference speeches delivered; 10+ university lectures given.