

José A. Yañez Salas

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Education

Princeton University, Princeton, NJ - Master of Engineering

Expected Graduation: June 2022

Major: Mechanical and Aerospace Engineering

Princeton University, Princeton, NJ - Bachelor of Science in Engineering

Graduated: June 2020

Major: Mechanical Engineering and Aerospace Engineering

Minors: Robotics and Intelligent Systems; Entrepreneurship

Awards/Distinctions: Donald Janssen Dike Award for Excellence in Undergraduate Research, Mechanical and Aerospace Engineering Undergraduate Academic Support Award

Projects

Robotic Bartender

- 5-axis robotic bartender with Alexa voice control with capabilities of learning drink orders matched through voice recognition.

Autonomous Land Surveying- Senior Thesis

- Autonomous land surveying robot that uses Ground Penetrating Radar (GPR) to autonomously scan uncharted land for scholar, humanitarian, and military applications.

Reciprocating Saw Bit

- Designed and developed durable and compact driving bit which converts rotational motion into reciprocating linear motion, allowing the driver to act as a reciprocating saw. Provisional Patent. Non-provisional patent pending.
- U.S. Non-Provisional Application 17/188,403; Docket No. Yanez-001NP RECIPROCATING SAW DRILL BIT

Princeton Racing Electric

- Manufactured aerodynamic fiberglass body frame composites for formula SAE team, taking 2nd place in the electric category.

Work Experience

LeggioX, Princeton, NJ

October 2021- Present

Scrum Master, Development Team

- Work closely with United States Air Force through AFWERX program to on-board and analyze data for prospective technologies from the private sector.

Kingly Services, Las Vegas, NV

July 2021- Present

Founder and Director

- Founded an Air Conditioning and Heating company in Las Vegas, Nevada
- Initial Trade and Business/Law Qualifier with Nevada Contractor's Board

Anheuser-Busch, New York, NY

June 2020- August 2021

Audience Lead, Center of Excellence, Commercial Strategy Office

- Responsible for advanced target marketing audience creation for nation-wide campaigns through a Customer Data Platform.
- Creative Media Award for best Data driven campaign (Chief Explorations Officer, Michelob Ultra).
- Implemented Robotic Processing Automation at a national level for automating reports.
- Increased ROI on marketing campaigns through 1st party utilization by 28%.
- Segmentation strategy won the Global Solutions Excellence Program award for North America Zone

Princeton University, Princeton, NJ

January 2020- March 2020

Motorcycle Course TA and Machinist

- Lead freshmen through the art of restoring and building classic Triumph Tiger Cub motorcycles.

Princeton

January 2019-March 2020

Private Tutor

- Tutor Math and Science at various levels from 8th grade to SAT prep as well as Spanish 6-8 hours a week.

Cisco Systems, San Jose, CA

June 2019-August 2019

Global Sales Technical Sales Intern

- Provided account insights (market trends, business strategy, etc.) for accounts such as Google and United States Air Force.
- Designed web application with teammate, filtering malicious websites using Talos Intelligence, earning 1st place in Hackathon.
- Worked on a team leveraging Cisco's CAM project to provide a more frictionless experience for employees by consolidating data and providing a way to improve the company's image in the industry, presenting directly to panel of 6 company executives.

Andluca Technologies, Princeton, NJ

November 2018- January 2019

Control Systems Consultant

- Designed smart solar window prototype using Particle Photon to wirelessly control system functionality.

Skills

Private Pilot - Flyright Aviation: Flight time experience in single engine aircrafts: Cessna 172 Skyhawk and Cessna 152.

Programming: Java, Robot C, MATLAB, Python, Arduino, R, C, SQL.

Computer-Aided Design: Autodesk Inventor, Autodesk Revit, Creo 5.0, Fusion 360, Solidworks, 3D printing.