Christian Castro

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EXPERIENCE

Formula SAE – Electrical Team Lead

Hilltop Motorsports   *Aug 2019–May 2023*

- Led effort to design and build custom wiring harnesses for Peruna III & IV cars, learning circuit design
- Worked cross-functionally with students of varying technical backgrounds to meet technical needs
- Presented work to head of body dynamics at Tesla in competition and received acknowledgement for design and execution

Campus Minister – Part-Time

Cru   *Aug 2023–Present*

- Led a team of 12 to North Africa for over a month, managing a $70,000 budget and coordinated logistics of trip Summer 2023. Led another team of 12 for 10 days as the sole leader January 2025.
- Developed financial oversight strategies and contingency planning for an unpredictable environment.
- Gained skills in cross-cultural communication and interpersonal relationship building as well as fundraising and financial development skills.

IT Help Desk – Team Lead

Southern Methodist University   *Aug 2019 – May 2024*

- Computer Imaging (Aug 2019 – Nov 2020) Oversaw system imaging, software deployment, and device management across campus. Assisted with automation of software installations and network configuration.
- Help Desk Team Lead (Dec 2020 – May 2024) Managed IT support operations resolving issues pertaining to software, hardware, and networking. Developed and maintained knowledge bases and documentation for troubleshooting. Helped with system administration, receiving experience in Active Directory and authentication security using Duo Mobile.

NIT Consulting – Data Scientist

- **Frito-Lay Employee Attrition Analysis**
  - Developed machine learning models (Random Forest and Logistic Regression) to predict attrition
  - Created models to identify key indicators influencing and produced a course of action to remedy it
- **Century21 Real Estate Analytics**
  - Build a predictive model to identify profitable home features.
  - Analysed market trends to provide insight for pricing strategies across different neighborhoods
- **Anheuser-Busch Case Study**
  - Analyzed data on beers and breweries to gain an understanding of the testes of different regions and potential market gaps to fill
- **Airbnb Paris Housing Study**
  - Created various prediction models to analyze features like bedroom count, bathroom count, geographical distance from landmarks, in order to predict which Arondissement each listing is in as well as the competitive market rate
  - Used GIS to analyze location data and determine distance from well-known features of Paris

EDUCATION

Southern Methodist University   **Dallas, TX**

Master of Science in Data Science | GPA: 3.7/4.0   *December 2025*

Southern Methodist University   **Dallas, TX**

Bachelor of Arts in Religious Studies (Comparative Religion, Christian Tradition)   August 2023

SKILLS

- **Programming Languages:** Python, R, Java, C++, JavaScript, SQL, SAS, HTML, JSON
- **Machine Learning & AI:** Scikit-Learn, TensorFlow, Keras, Pandas, NLTK, PyTorch, Regression, Clustering, Decision Trees, Neural Networks
- **Database Management:** SQL, NoSQL, MySQL, MongoDB
- **Data Visualization & Web Dev:** Tableau, PowerBI, Processing, P5.js, D3.js, Three.js, Excel, JavaScript, React
- **Cloud & DevOps:** AWS (EC2, S3), GitHub, Docker, Google Cloud, Microsoft Azure
- **IT & Support:** Windows & macOS Administration, Network Security, Multi-Factor Authentication, Active Directory, Communication and Customer Service