**Christian Castro**

Dallas, TX | (504) 215-6527 | [cdcastro@smu.edu](mailto:cdcastro@smu.edu) | [linkedin.com/in/christiancastr](http://linkedin.com/in/christiancastr) | cdcastr0.github.io

**EXPERIENCE**

**Data Scientist** *Aug 2023 - Present*

*NIT Consulting*

* **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**
  + Built a predictive model to identify profitable home features
  + Analyzed 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 tastes 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, to predict which Arondissement each listing is in and the competitive market rate
  + Used GIS to analyze location data and determine distance from well-known features of Paris

**IT Help Desk – Team Lead** *Aug 2019 – May 2024*

*Southern Methodist University*

* **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
  + Gained experience in Active Directory and authentication security using Duo Mobile for system administration

**Campus Minister – Part-Time** *Aug 2023 – Present*

*Cru*

* Managed a $70,000 budget and coordinated logistics for a team of 12 to North Africa for 5 weeks in Summer 2023
* Solely led a team of 12 to North Africa for 10 days, managing all finances and logistics in January 2025
* Developed financial strategies and contingency planning for an unpredictable environment
* Gained skills in cross-cultural communication and interpersonal relationship building
* Raised my own pay package with a team of supporters, developing fundraising and financial development skills

**Formula SAE – Electrical Team Lead** *Aug 2019 – May 2023*

*Hilltop Motorsports*

* Received design and execution acknowledgment from head of body dynamics at Tesla in a competitive presentation
* 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

**EDUCATION**

**Southern Methodist University**

Master of Science in Data Science | GPA: 3.7 December 2025

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, Natural Language Processing (NLU/NLG), Large Language Models, Generative AI, Deep Learning, OpenAI APIs, Groq, HuggingFace
* **Statistics and Data Science:** Data wrangling, data cleaning, feature engineering, data exploration, model selection, cloud deployment, client communication, experiment design, time series analysis and prediction
* **Database Management:** SQL, NoSQL, MySQL, MongoDB
* **Data Visualization & Web Dev**: Tableau, PowerBI, Processing, P5.js, D3.js, Three.js, Excel, JavaScript, React, Dashboards, ggplot2
* **Cloud, DevOps & Deployment:** AWS (EC2, S3), GitHub, Docker, Google Cloud, Microsoft Azure
* **IT & Support:** Windows & macOS Administration, Microsoft Office and 365, Network Security, Multi-Factor Authentication, Active Directory, Communication and Customer Service