Rodrigo Guerra Leroux

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EDUCATION

University of Texas at Austin | Austin, TX

Bachelor of Science in Mathematics / Actuarial Science   May 2023

Certificates: Applied Statistical Modeling, Risk Management

GPA: 3.3

WORK EXPERIENCE

Cigna | Bloomfield, CT

Technology Early Career Development Program Intern   May 2022 – August 2022

- As a Scrum Master, learned and put the Agile methodology into use by facilitating stand-ups for Cigna risk score teams in Government Business Services and Specialty Data Services
- Helped towards building of tableau dashboard to visualize velocity and efficiency of scrum teams
- UI/UX designer / Scrum Master / Data Analyst for the Summer Innovation Project, building a health app which concentrates on ease of use, effective engagement, and improvement towards one's health

TransRe | New York, NY

Applied Data Intern   June 2021 – August 2021

- Aggregated and cleaned up insurance data for assets under management, large loss claims, and risk portfolios
- Helped build a quantitative actuarial model to link historical premium data, while researching financial risk metrics
- Applied actuarial pricing model to ~8,000 different companies and clients
- Worked towards building of financial and risk modeling web-app, using Python, Jupyter Notebooks, and Django to help analyze and sort through data while building the app, while providing an easy-to-read user interface experience

PROJECTS

Data Science Projects   Spring 2023

- Used data science, R Studio, and statistics knowledge in projects which involved analyzing datasets of my choice.
- Analyzed soccer statistics data as well as restaurant datasets to find relevant statistics and relationships.
- Presented my findings and discussed my research questions including relevant visualizations and models.
- Tools used: R, Google Suite
- https://rodgl6.github.io/

Random Walk Python Algorithm with Limit Theorem analysis and Presentation   November 2019

- Created a Python program that generated random walks based on an inputted sample size in order to analyze limit theorems
- Automated generation of easy-to-read charts that highlighted findings
- Tools used: Python, R, Microsoft Office, Google Suite

LEADERSHIP EXPERIENCE

Hispanic Business Student Association, Machine Learning and Data Science | Austin, TX

Member   August 2018 – May 2023

- Worked with fellow students to learn about various industries and foster knowledge and growth of business / data science on campus
- Attended company information sessions with hosts such as Amazon, Google, and Intel, and learn about their business practices, and attend presentations and workshops on data science terms, concepts, and computing

SKILLS

- Microsoft Excel, PowerPoint, and Word, as well as Google Suite and Tableau
- VBA, Python, Jupyter Notebooks, and R
- Agile Frameworks – Scrum, Kanban, and Jira
- Computer science, actuarial and data science, data structures, and algorithms
- Strong teamwork, problem solving, creative, and written and verbal communication skills
- Experience with large datasets, quantitative analysis
- Fluent in Spanish, Intermediate knowledge of French