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 a 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 concentrating 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 learned about their business practices; attended 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, written and verbal communication skills
- Experience with large datasets, quantitative analysis
- Fluent in Spanish, Intermediate knowledge of French