Segundo Parra

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PROFILE

Having recently graduated with a Bachelor's degree in Computer Science and a minor in Data Science, I am excited to begin my career in the insurance industry. My academic background has equipped me with skills in statistical analysis, risk management, and machine learning, which I'm eager to apply to real-world challenges in this data-driven field. I'm passionate about using my expertise to enhance regulatory reporting, develop risk prediction models, and improve customer insights, all while driving operational efficiency and innovation. With a blend of computer science and data science skills, I bring valuable technical expertise to managing risks and advancing customer experiences in insurance.

CERTIFICATIONS

Associate in Insurance (AINS) | The Institutes Knowledge Group   *In Progress*

EDUCATION

University of British Columbia   Kelowna, BC
Bachelor of Arts in Computer Science, Minor in Data Science   *Sep. 2019 – April 2024*
Relevant Coursework

- Stochastic Modeling and Simulation - Gained expertise in modeling random variables and applying Monte Carlo simulations to assess probabilities and risk scenarios, skills directly relevant to underwriting and risk assessment.
- Machine Learning - Gained experience with predictive models, supervised and unsupervised learning, and model evaluation. Developed skills to analyze data for risk assessment, claims automation, and customer segmentation.
- Fundamentals of Geographic Information Science I/II: Analyzed and visualized spatial data using ArcGIS and ArcMap to assess location-based risks, including natural disaster exposure.
- Introductory Statistics: Built a foundation in probability, hypothesis testing, and statistical inference to support decision-making in risk and claims analysis.
- Project Management: Gained an understanding of project planning, risk management, and resource allocation, useful for coordinating risk assessments and managing client accounts in insurance.

EXPERIENCE

Student Ambassador   May 2023 – April 2024
University of British Columbia - Student Recruitment and Advising   *Kelowna, BC*

- Led campus tours for prospective students and families, utilizing public speaking skills to deliver sessions both virtually and in-person, enhancing the university's outreach and engagement.
- Represented the University of British Columbia at student events, sharing personal experiences and insights with families of prospective students.

Co-op Associate Business Analyst   May 2023 – Aug. 2023
University of British Columbia - Integrated Renewal Program Student   *Vancouver, BC*

- Analyzed and recommended system configurations for business and academic operations, aligning solutions with organizational needs.
- Thrived in an agile, remote environment, honing problem-solving, adaptability, and collaboration skills relevant to operational efficiency.

ACADEMIC PROJECTS

Olympics Exploratory Data Analysis (DATA 301 - 90%) | *JupyterLab, Python, Tableau* Jan. 2021 – April 2021

- Extrapolated data and trends from a large dataset using Python.
- Cleaned missing/error variables within dataset.
- Modeled visual graphs using Seaborn and Tableau to achieve better presentation of trends within the dataset.

SKILLS

Technical Languages: Java, Python, Typescript, SQL, JavaScript, HTML, CSS, R
Frameworks: Amazon AWS, Angular, Vitest, WordPress, Material-UI (Angular), Jupyter Notebook
Developer Tools: Git, Docker, VS Code, Tableau, Eclipse, Microsoft Office, Excel, VBA
Libraries: pandas, NumPy, Matplotlib, Seaborn
Languages: English (Fluent), Spanish (Fluent)