

## PROFESSIONAL SUMMARY

An innovative life-long learner with a strong background in business administration, data analytics, and web development. Proven success leveraging diverse technical skills ranging from Python and JavaScript frameworks to advanced data wrangling and visualization to deliver actionable insights through both technical and business lenses.

## TECHNICAL SKILLS

**Languages:** Python, R, SQL, JavaScript (MERN), Java (Spring Boot), VBS, DAX, HTML/CSS

**Data Science & Analytics:** Pandas, NumPy, Scipy, Scikit-learn, Statistical Analysis, Data Modeling, Financial Analysis

**Data Visualization:** Excel, Tableau, Power BI, Jupyter Notebook, Matplotlib, Seaborn, Looker, PowerPoint

**Web Development:** Flask, Django, MongoDB, Express, React, Redux, Node.js, Next.js, Socket.io, Bootstrap, Tailwind

**Databases & Cloud:** MySQL, MongoDB, AWS EC2, Nginx, Vercel

**Methodologies & Tools:** Certified ScrumMaster, ETL, REST APIs, Git, Postman, JIRA, Canva, Figma, Balsamiq

## TECHNICAL PROJECTS

**The NFL Ground Game** | Analyzing the Impact of Playing Surfaces & Player Safety

*Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, Statistical Analysis, Correlation, Data Merging & Preprocessing*

- Leveraged NFL player tracking data to analyze movement patterns across different playing surfaces, developed data-driven insights on injury prevention and interactive Tableau visualizations of player movement metrics and injury correlations.

**Tackling Vehicle Theft in Los Angeles** | Interactive Crime Analysis

*Tableau, Cluster Analysis, Statistical Analysis, Time-Series Analysis, Geospatial Analysis, Interactive Dashboards*

- Utilized Tableau to create interactive dashboards leveraging geospatial mapping, time series analysis, and multi-dimensional filtering to visualize Los Angeles vehicle theft patterns from 2010 to 2023.

## EXPERIENCE

**Data Analyst Trainee** | *Springboard* | San Francisco, CA

**April 2024 - March 2025**

- Project-based data analytics certification, with 1:1 industry expert mentor oversight throughout, and completion of 2 in-depth capstone projects. Mastering skills in Python, SQL, Power BI, Tableau, Business Analysis, Financial Analysis, Data Visualization, and Storytelling.

**Full-Stack Software Developer Trainee** | *CodingDojo* | Colorado Springs, CO

**April 2022 – Jan 2023**

- Project-based certification in full-stack software development, mastering three dynamic technology stacks: Python, Java, and MERN. Demonstrated proficiency in crafting responsive front-end interfaces, integrating RESTful APIs, and collaborating in agile environments to deliver scalable, production-ready solutions.

**Mortgage Underwriter** | *Better.com* | Irvine, CA |

**Sept 2019 - April 2022**

- Analyzed 200+ monthly mortgage applications using statistical methods and financial modeling to assess risk.
- Utilized Power Bi and Tableau to present and visualize complex mortgage data trends and patterns to stakeholders.
- Valedictorian of Better Mortgage's Underwriting University class of 2020

**Sr. Loan Consultant** | *Ally Financial* | Aliso Viejo, CA

**Jan 2015 - Sept 2019**

- Assessed applicants' financial details to determine their eligibility and credit worthiness for auto loans.
- Collaborated with data analysts to optimize and refine sales strategies by leveraging customer data.
- Utilized technical skills to manage loan applications and ensure compliance with industry regulations.
- Maintained Property and Casualty Broker License

**IT Consultant** | *IrvineWebWorks, Inc* | Lake Forest, CA

**Nov 2012 – Jan 2015**

- Managed JIRA for IT issue tracking and project oversight, utilizing data analysis to identify trends, patterns, and areas for improvement, ensuring efficient issue resolution and streamlined project flow.
- Configured and maintained hardware and software systems, including servers, desktops, laptops, printers, and mobile devices, ensuring that they were optimized for performance and security.

**Quality Assurance Team Lead** | *Alta Resources* | Brea, CA

**May 2011 – Nov 2012**

- Analyzed call center performance data to identify trends and optimize operations for healthcare providers such as Kaiser Permanente, Blue Shield of California, UnitedHealthcare, and Aetna, leading to a 15% reduction in errors.
- Streamlined the dispatch process for durable medical equipment, primarily CPAP machines and ventilators, reducing delivery times and improving patient outcomes through data-driven decision making and coordination with respiratory therapists.

## EDUCATION

**Master of Science, Analytics** | *Georgia Institute of Technology*

**In Process**

**Bachelor of Science, Business Administration Management Information Systems** | *SNHU*

**Nov 2024**

4.0 GPA Summa cum laude