**[Your Name]**| [Your Email] |[Your Phone Number] | [Your LinkedIn Profile (Optional)] | [Your City, State]

**Technical Skills**: Proficient in Python (pandas, numpy, scikit-learn, matplotlib), R (tidyr, ggplot2, dpylr) Penetration Testing (Nmap, Metasploit), Network Reconnaissance, API integration (ggmap, OpenAI, spatial data), Machine Learning

**Language Skills:** Bilingual in [Language 1] & [Language 2], Professionally Proficient in [Language 3]

**Additional Skills:**  [Skill, e.g., Athleticism, Discipline, Leadership] (Replace specifics with more general terms).

**EDUCATION**

[Your University]| City, ST

Bachelor of [Arts or Science] in [Your Major] | GPA: [If 3.6 or higher] / 4.0

**Relevant Coursework:** [Course 1], [Course 2], [Course 3], [Course 4], [Course 5], [Course 6]

**RELEVANT EXPERIENCE**

**Company Name | *City, ST*** May 2023 – Present

[General Position Title, e.g., Research Assistant]

* + Led a team of undergraduate and graduate research assistants in revamping a year-long applied Data Science in R course, updating homework, lectures, and supplemental materials to better align with industry standards, with a focus on data cleaning, analysis, visualization, and regression modeling.
  + Developed hands-on learning materials, requiring students to download and utilize new R packages, source datasets, and formulate research questions for independent analysis.
  + Collaborated with Professor XXX Graham to update coursework and design new assignments for his International Political Economy doctoral seminar.
  + Assisted tenured senior faculty from universities including [University 1], [University 2], and [University 3] on an interdisciplinary research team, providing proofreading, editing grant proposals, and reviewing academic articles for projects that received over $XXXXX in grants from donors such as [Company 1], [Company 1], [Company 3].

**Company Name | *City, ST*** May 2024 - August 2024

[General Position Title, e.g., Data Analyst Intern]

* + Engineered end-to-end machine learning models, including data cleaning, statistical analysis, label encoding, random forest, and k-means clustering, on datasets exceeding XXX data points.
  + Built and optimized random forest models using XGBoost and scikit-learn to parse through large datasets and automatically flag sensitive user data, significantly reducing false positives.
  + Developed XGBoost classification models for multi-class predictions on big data, utilizing cross-validation, sample weighting, and early stopping to fine-tune performance. Leveraged advanced evaluation metrics such as ROC AUC and confusion matrices across training, validation, and test sets.
  + Conducted comprehensive hyperparameter tuning with GridSearch and RandomSearch, enhancing model accuracy. Delivered regular project updates, demonstrating strong technical communication and project management skills.

**Organization Name | *City, ST***  March 2023 – June 2023

[General Position Title, e.g., Research Assistant]

* + Collaborated alongside XXX from the [University Name] to create an original dataset documenting all overseas naval bases built since 1850
  + Developed excellent time management, research skills, and an understanding of how to organize a collection process.
  + Remained highly self-motivated while working remotely with once-a-week meetings to check in on progress.
  + This dataset will later be used by Sabreena Croteau to defend her dissertation establishing the link between overseas

naval bases and state’s domestic economies, as well as later be published.

**PROJECTS**

**[Project Name]** December 2023

* + Developed a parallelized Python script to perform brute-force password cracking through efficient generation and testing of password combinations against a list of MD5 hashed passwords.
  + Implemented a modular and extensible solution with the ability to specify password lengths, providing adaptability for various security scenarios, and demonstrated expertise in cryptographic techniques using hashlib.

**[Project Name]** September 2023 – January 2024

* + Conducted extensive data analysis on 5,151 professional MMA fighters using R and ggplot2, identifying top-performing countries through statistical analysis and presenting findings with compelling visualizations.
  + Expertly cleaned and processed large and complex datasets.
  + Employed advanced mapping techniques, including leaflet and ggmap, to geographically analyze the distribution of data, highlighting proficiency in data analytics and visualization tools.