# Abena Boateng

(832)-853-3468 | abenaaboaateng@gmail.com | https://www.linkedin.com/in/abena-boateng-/ | Github Portfolio

## EDUCATION

**The University of Texas at Austin**  Austin, TX
*Bachelor of Science in Public Health & Applied Statistical Modeling*  Expected May 2025
Concentration: Data Science, Biostatistics & Informatics  GPA: 3.7
Relevant Coursework: Data Analysis for Health Sciences, Genetics and Biostatistics with R software, Elements of Data Science with R, SQL and Python, Calculus, Probability and Statistics

## TECHNICAL SKILLS

**Programming Languages:** Advanced – R, Proficient – Python, SQL. Familiar with HTML
**Software:** R Studio, Visual Studio, Jupyter Hub

## WORK EXPERIENCE

**Deloitte**  Washington, DC
*AI and Data Engineering Intern, Business Technology Solutions - US Government*  Jun. 2021 - Aug 2023
- Visualized test data using Python and R programming to showcase a 9% impact from automation to clients
- Developed Data System Solutions using SDLC that solved 11% of database issues with system communication
- Conducted research on automation solutions with generative AI initiatives for Company Partners

**Elements of Data Science Undergraduate Teaching Assistant**  **Austin, TX**
*Lead Coding Lab Teaching Assistant in R and Python*  Aug 2023 - Present
- Nurture students' exploration of data science tools such as data wrangling and exploratory data analysis
- Facilitate the learning of data visualization methods, markdown and data workflow and classification methods
- Emphasize the importance and applications of R and Python languages to improve student growth and learning

## PROJECTS

**Testing the Mysteries of Food Effects (**R)
- Deployed tidyverse to explore the effects of GMO crops influence on cancer rates death rates, and food policy bills
- Utilized data visualization and data wrangling principles to discover a statistically significant relationship

**Attributes of Billed Health Insurance Costs (**R, Python)
- Evaluated several predictors of high insurance costs with logistic regression analysis and kNN classification
- Revealed a statistically significant the relationship of predictors such as Age and BMI with matrices and clustering
- Implored the prediction and cross validation of models with PAM clustering, PCA analysis and dimension reduction

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

**Management Leadership for Tomorrow (MLT)**  Washington, DC
*Career Preparation Fellow*  Mar. 2023 - Present
- Selected among thousands of high achieving applicants to participate in professional and leadership development
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

**herScript(Black Women in Tech)**  Austin, TX
*Co-Founder & Co-President*  Feb. 2023 - Present
- Facilitate and Initiate opportunities such as Workshops, Corporate Relationships, and Professional Development
- Expose ways to apply the technology world to different industries such as healthcare and entertainment
- Increasing the Black Women in Tech on campus by 40% by emphasizing personal development and authenticity

**Association of Black Computer Scientists**  Austin, TX
*Corporate Officer*  Sept. 2021 - Present
- Facilitate and Initiate opportunities such as workshops, corporate relationships, and professional development
- Coordinate and execute hackathons and personal projects for members to become well rounded

## INTERESTS

**Languages**: Fluent in Spanish, Twi
**Interests**: Artificial Intelligence, Data Science, Quantitative UX Research, Business Technology Solutions, HealthTech
**Work Eligibility**: Eligible to work in the U.S. with no restrictions