

# Abena Boateng

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## EDUCATION

### The University of Texas at Austin

*Bachelor of Science in Public Health & Applied Statistical Modeling*

Austin, TX

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

### Elements of Data Science Undergraduate Teaching Assistant

Austin, TX

*Lead Coding Lab Teaching Assistant in R and Python*

Aug 2023 - Present

- Nurture 100+ 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

### Deloitte

Washington, DC

*AI and Data Engineering Intern, Business Technology Solutions - US Government*

Jun. 2023 - 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

## PROJECTS

### Testing the Mysteries of Food Effects (R)

May 2023

- 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)

May 2023

- 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
- Secured 15+ corporate sponsorships to provide opportunities to 100+ black students on campus

### 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