

Abena Boateng

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EDUCATION

The University of Texas at Austin

Bachelor of Science in Public Health

Austin, TX

Expected May 2025

Awards: Scholarship Recipient of Julia F Thompson Scholarship

Relevant Coursework: Data Analysis for Health Sciences, Genetics and Biostatistics with R software, Elements of Data Science with R, SQL and Python

TECHNICAL SKILLS

Programming Languages: Proficient – R, Python, SQL. Familiar with HTML, CSS

Software: R Studio, Visual Studio, Jupyter

WORK EXPERIENCE

Dell Medical School Health Innovation Lab

Austin, TX

Undergraduate Researcher

Sept. 2021 – Jan 2023

- Debugging of an application to track opioid overdose reports
- Developed UX Designs that would be relevant to the user
- Developed skillset within machine learning and deliberated on its applications within the TxCOPE Project

PROJECTS

The Downfalls of Genetic Engineering (R, Python)

- Investigate the correlation between Cancer Incidence Rates, Cancer Deaths, Adoptions of Genetic Engineering and Legislation with R programming and presented the findings to a professor
- Conducted research to explore how legislation has changed over the years with higher Cancer Rates
- Developed visualizations to provide support to public health officials in hopes to pass more legislation decreasing Genetic Engineering

In My Feels (IOS Swift, Python)

- Created an IOS prototype application to cater to Women's mental health and wellness
- Conducted research to include major hotlines and emergency information as well as a daily journal and emergency contacts
- Developed UX/UI Designs templates that would be relatable to all types of women

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT)

Washington, DC

Career Preparation Fellow

March 2023–Present

- Selected among thousands of high achieving applicants to participate in this Career Preparation program focused on 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

National Society of Black Engineers

Austin, TX

Committee Member

Sept 2021 – Present

- Spearhead volunteering within the community to introduce more students to the STEM Field
- Network with fellow students and corporate sponsors to increase representation of minority students

Association of Black Computer Scientists/herScript

Austin, TX

Corporate Liaison – Co-President

Sept 2021 – Present

- Participate in hackathons and coding projects to increase technical skillset
- Explore unconventional ways to apply the technology world to different industries such as healthcare and entertainment.
- Increase the number of Black Women entering the Tech industry through emphasizing personal development and corporate relationships

INTERESTS

Fluent in Spanish, Artificial Intelligence, Web Development, UX/UI Design, Data Visualization, Interested in Entertainment and Beauty Industries with a Tech Application, and International Travel

