

# BRIANNA ANAYA - CARRASCO

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## EDUCATION

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The University of Texas at San Antonio August 2022 - May 2025

Bachelor of Science, GPA: 3.54

Computer Science Concentration in Software Engineering

Relevant Courses: Web Tech, Object-Oriented Design Patterns, Software Engineering, Enterprise Software Engineering

Cornell University August 2024

Machine Learning Foundations Certificate

Break Through Tech AI

## TECHNICAL SKILLS

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Programming Languages: Java, Python, JavaScript (ReactJS, JQuery), HTML/CSS, PHP, C, SQL(MySQL)

Tech/Tools/Methodologies: Android Studio, VSCode, Eclipse, AWS(EC2 Configuration), Linux, React, Git, UML

## EXPERIENCE

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### AI Studio Fellow, Google

August 2024 - Present

- Collaborating with a team of 5 adopting Agile practices to develop a machine learning model implementing Google's language model BERT suggesting relevant search queries to users based on current search terms and history
- Improved model to an MSE of 0.11 and currently bettering users' search results, discovering relevant information

### First Year Experience Peer Mentor, UTSA

May 2023 - January 2024

- Offered guidance and support to 100 first-year students in navigating university resources, academic requirements, and campus life at UTSA, fostering a sense of belonging and community within the student body

## PROJECTS

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### Notary Public Client Management System, Independent Project

September 2024

- Developed a management website for notary publics to manage client information and services efficiently
- Utilized Java with Spring Boot for backend development and MySQL for database management
- Implemented RESTful APIs for client CRUD operations and integrated a simple frontend with HTML and JS

### Perception of Corruption, Break Through Tech

July 2024

- Predicted perception of corruption utilizing World Happiness Report data set using Python and machine learning technologies: pandas, numPy, matplotlib & seaborn
- Aimed to guide policy-making and influence international relations by analyzing corruption perception

### GraceGuides, RowdyHacks Hackathon

February 2024

- Built at a 24-hour hackathon, GraceGuides is a Christian resources website with HTML, CSS, and JavaScript
- Functioned as lead developer teaching a beginner team of 4, worked on front-end and formatting all pages

## LEADERSHIP EXPERIENCE

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### Public Relations Officer, Association of Computing Machinery Women's Chapter

April 2024 - Present

- Establish relationships with companies and organizations through effective communication and community outreach strategies to provide funding and resources to uplift women in technology
- Coordinated with a team of 5 to problem-solve, and creatively orchestrate events averaging 60 member check-ins

### Fellow, Break Through Tech AI

May 2024 - Present

- Selected from 3000+ applicants for Break Through Tech AI, a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science
- Contributed towards a 12-month long program including a Machine Learning Certificate with Cornell faculty, experiential learning experiences, and mentorship from industry professionals