

# Bianca "B" Salinas

Mathematician & Software Engineer  
Edinburg, Texas, USA

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## EXPERIENCE

### Web Developer

*Jun 2023 - Present*

Manhattan Beach Advisors  
Remote

- Ensure fast page builds, optimized loading times, and cross-browser compatibility across devices.
- Collaborate with the Managing Director to implement design improvements and content updates within 24 hours.
- Manage progress tracking and content version control, supporting content security and seamless web development.

### Software Quality Analyst

*Dec 2022 - Apr 2023*

TEKsystems, Meta  
On-Site

- Conducted daily, bi-weekly, and monthly automated smoke tests across multiple devices and software versions.
- Triage and tracked bugs, contributing beyond core responsibilities with a proactive, adaptable approach.
- Beta tested Oculus Quest 3 devices, identifying hardware and software bugs and communicating findings to the team.

### Quality Assurance Engineer

*Aug - Sep 2022*

Ender, Asteroid Property Management, Inc.  
Hybrid

- Collaborated with Product, Engineering, and Design teams to improve software quality in a fast-paced startup environment.
- Reported on PRs, tickets, bugs, and features, ensuring timely communication and high-quality software delivery.
- Adapted quickly to evolving product goals while meeting high-performance standards.

### Software Engineer in Test

*Oct 2021 - Jul 2022*

Capgemini  
Remote

- Updated legacy Java automation scripts for Allianz Life, ensuring code efficiency and quality improvements.
- Actively participated in daily standups and weekly meetings, advocating for continuous quality improvements.
- Pursued professional development by earning certifications and staying current with industry trends and technologies.

## PROJECTS

### Yu-Gi-Oh! GX Duel Academy Deck Builder

- Created a deck builder with advanced search and filter functionalities using Python, JavaScript, and Flask.
- Developed a database of over 3000 cards using SQL, enhancing data retrieval and user experience.
- Designed an intuitive UI with React, allowing seamless deck creation and enhanced user interaction.

### ThrifTEE

- Engineered an online marketplace with smart search functionalities and a responsive design.
- Integrated secure user authentication, dynamic product listings, and a responsive shopping cart using Flask, PostgreSQL, and React.

## EDUCATION

### Certificate, Full-Stack Software Engineering

*2020 - 2021*

App Academy  
Remote

- Rigorous 1400-hour full-stack software development bootcamp with 93% acceptance rate.
- Teaches full-stack web development: Python, Javascript, React, Redux, Data Structures & Algorithms, Test-Driven Development, Unit Testing, and Programming best practices

### Bachelor of Science in Mathematics

*2015 - 2019*

St. Edward's University  
Austin, TX

- **Honors and Awards:** 2018 Ronald E. McNair Scholar, 2015 Good Samaritan Award.
- **Activities and Memberships:** Equity & Justice Council, PRIDE Club, Math Club, MAA, AMA, AWM, Society of Physics Students, Club Swimming.
- **Senior Thesis:** "Foldings on Generalized Bonding Graphs" (Combinatorics, Greedy Algorithm, Graph Theory).

## SKILLS

**Programming Languages:** Python, JavaScript (ES5/ES6), SQL, HTML5, CSS3

**Web Development:** React, Redux, Node.js, Express, Flask, Bootstrap, Chakra-UI, threeJS

**Database Management:** PostgreSQL, AWS, Docker, Heroku, Gatsby

**Tools & Automation:** Git, GitHub, Postman, Chromium/Selenium, Playwright, Ghost Inspector