

# Bianca “B” Salinas (she/they)

Mathematician. Full-Stack Software Engineer. Quality Assurance Analyst. Cybersecurity Amaetur. BTC & ETH Enthusiast ☺

📍 Edinburg, Texas, USA | 📞 (956) 566-4746 | ✉ [b.salinas397@gmail.com](mailto:b.salinas397@gmail.com) | 🌐 [/b-salinas](https://b-salinas.github.io) | [/in/b-salinas](https://www.linkedin.com/in/b-salinas) | 📄 <https://b-salinas.github.io>

Interested in time-space complexity, scalability without sacrificing security, and the future of value through digital assets. With clear direction, I can work under pressure in fast-paced environments and deliver solid results, without dropping other priorities or communication.

## EDUCATION

**Certificate, Full-Stack Software Engineering** @ App Academy 2020 - 2021

- **Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Relational Database Management Systems, Systems Design & Architecture, Authorization & Authentication, Continuous Integration/Continuous Deployment, Time-Space Complexity, Agile & SCRUM Methodologies, Test-Driven Development, Data Security, RESTful APIs, JSON, and TCP/IP & OSI Models.

**Bachelors of Science, Mathematics** @ St. Edward's University 2015 - 2019

- **Coursework:** Linear & Abstract Algebra, Multivariable & Advanced Calculus, Discrete Mathematics, Probability & Theory of Statistics, Propositional Logic, Topology, Differential Equations, and Complex Analysis.
- **Honors & Awards:** 2018 Ronald E. McNair Scholar and 2015 Good Samaritan Award
- **Activities & Memberships:** Equity & Justice Council, PRIDE Club, Math Club — Mathematical Association of America (MAA), American Mathematical Associate (AMA), and Associate of Women in Mathematics (AWM) — Society of Physics Students, and Club Swimming.
- **Senior Thesis:** “Foldings on Generalized Bonding Graphs” (Combinatorics, Greedy Algorithm, and Graph Theory)

## WORK EXPERIENCE

**Web Developer** @ Manhattan Beach Advisors (Remote) Jun 2023 – Present

- Responsible for ensuring fast-page build, loading times and cross-browser compatibility across screen sizes & devices.
- In constant communication with the Managing Director, responding to requests, design improvements, and content updates, implementing changes within 24 hours to ensure a seamless and responsive web development process.
- Ensures record of progress and the ability to revert changes in support of content security and development efforts.

**QA Analyst I** @ TEKsystems, Meta (On-Site) Dec 2022 - Apr 2023

- Bug tracked and triaged daily, bi-weekly & monthly automated smoke tests across various devices & versions.
- Assisted with additional triage tasks beyond core team's responsibilities, changing priorities as directed.
- Beta tested Oculus Quests 3 devices by thoroughly evaluating hardware & software and reported any bugs.
- Tracked progress to share insights with the team, fostering open communication & transparency.

**Quality Assurance Engineer** @ Ender, Asteroid Property Management, Inc. (Hybrid) Aug - Sep 2022

- Given clear expectations by Chief Operations Officer, Senior QA, Principle Engineers, and Product Managers.
- Communicated with Product, Engineer and Design teams on PRs, tickets, bugs, features, and revisions.
- Demonstrated adaptability while improving software quality in a small, high-paced real estate startup.

**Software Engineer in Test** @ Capgemini (Remote) Oct 2021 - Jul 2022

- Assigned to the Allianz Life account, responsible for rewriting and updating legacy automated Java scripts.
- Participated in daily stand ups and weekly managerial meetings, being a vocal proponent for quality.
- Committed to professional growth by studying for certifications and staying up to date on relevant training.

## PROJECTS

**Spinning Cube** — *three.js, WebGL, JavaScript, HTML5* Oct 2023

*Having fun with the JavaScript 3D library to make various spinning shapes — including a tetrahedron, torus, and sphere.*

**Yu-Gi-Oh! GX Duel Academy Deck Builder** — *Python, JavaScript, Flask, PostgreSQL, React, Redux, Chakra-UI* Jan 2023

*Based on Yu-Gi-Oh! GX Duel Academy's built-in deck editor; duelists can browse, sort, and edit their saved decks.*

**Spinning Donut** — *Python, Pygame, ASCII, HTML5* Dec 2022

*Utilizes math and art to render a spinning donut made up of ASCII characters, creating the illusion of an illumination index.*

**SoundTrack** — *JavaScript, Express, PostgreSQL, React, Redux, Chakra-UI* May 2022

*SoundCloud inspired, users can browse, comment, and favorite soundtracks from different movie scores.*

**ThrifTEE** — *Python, JavaScript, Flask, PostgreSQL, React, Redux, Chakra-UI* May 2021

*Inspired by ThredUp, an e-commerce website where buyers can search, browse, and add items to their cart.*

## SKILLS & STRENGTHS

<b>Languages</b>	English, Spanish
<b>Type Speed</b>	97 wpm at 100% accuracy
<b>Operating Systems</b>	macOS, Linux
<b>Programming Languages</b>	Javascript (ES6), Python, Typescript, Java, HTML5, CSS3, Solidity
<b>Web Development</b>	React, Redux, Node, NPM, Homebrew, Express, Flask, Bootstrap, Chakra-UI, threeJS
<b>Tools &amp; Automation</b>	ChatGPT, Git, GitHub, JIRA, Postman, Playwright, Selenium, Loom, Ghost Inspector
<b>Database Management</b>	SQL, PostgreSQL, AWS, Docker, Heroku, Gatsby, SquareSpace, Sequelize, SQLAlchemy
<b>Design &amp; Documentation</b>	Figma, Adobe Creative Cloud, LaTeX, Markdown, Notion, Google Workspace, Microsoft 365