Bianca "B" Salinas (she/they)

Mathematician. Full-Stack Software Engineer. Cybersecurity Amaetur. Blockchain Enthusiast. Avid Walker and Sunset Watcher. ☺

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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. "If you want to go fast, go alone. If you want to go far, go together."

SKILLS & STRENGTHS

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

PROJECTS

Spinning Cube — *threeJs, 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.

WORK EXPERIENCE

Web Developer @ Manhattan Beach Advisors (Remote)   `2023 —`
- 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)   `2022 - 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)   `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)   `2021 - 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.

EDUCATION

Certificate, Full-Stack Software Engineering — App Academy   `2020 - 2021`
- **Relevant 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   `2019`
- **Relevant 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, Math Club — Mathematical Association of America (MAA), American Mathematical Associate (AMA), and Associate of Women in Mathematics (AWM) — PRIDE Club, Society of Physics Students, and Club Swimming.
- **Senior Thesis:** "Foldings on Generalized Bonding Graphs" (Combinatorics, Greedy Algorithm, and Graph Theory)