BEATRIZ TORRES ARCHUNDIA

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SUMMARY

Computer Science student with experience in JavaScript, React, Node.js, and Kotlin/Android, building responsive and scalable applications. Skilled in applying AI/ML models (ONNX, OpenCV) to enhance user experience and performance. Collaborative team member with a growth mindset, committed to designing accessible, maintainable solutions aligned with Microsoft's mission to empower every person and organization to achieve more.

EXPERIENCE

Computer Programmer Intern
Eikon Technologies, LLC   **September 2023 - August 2025, Remote, USA**
· Built full-stack and mobile solutions with JavaScript, Node.js, and Kotlin/Android, improving reliability and reducing reported issues by 15%.
· Integrated AI/ML models (ONNX, OpenCV) for camera features (zoom, backgrounds, real-time effects), increasing user engagement by 25%.
· Optimized Android apps with custom extensions and memory-leak prevention, cutting crash rates by 30%.
· Streamlined ML workflows with DVC and collaborated in Agile teams, reducing model iteration cycles by 20% and delivering scalable, well-documented code.

PROJECT

Rentora
github.com/sibisai/rentora · January 2025 - May 2025
· Built a rental platform with React, Node.js/Express, and MongoDB for property listings and user management.
· Implemented secure authentication, AWS S3 file storage, and map/geocoding integrations, improving usability and trust.
· Integrated RESTful APIs for filtering and geolocation, reducing query times by ~20%.

Photo-Gal
btorre0.github.io/photo-gal/ · February 2025 - February 2025
· Built a responsive photo gallery with HTML, CSS, and JavaScript to showcase a personal photography portfolio.
· Added dynamic viewing and lightbox features, improving navigation and engagement by 30%.
· Optimized image delivery with lazy loading and compression, reducing load times by ~20% across devices.

Echo-Server
github.com/Btorre0/echo-server · August 2024 - December 2024
· Built a multi-client TCP echo server in C, supporting 50+ concurrent connections via sockets and custom ports.
· Implemented real-time message handling with 100% accuracy, reducing response latency by 25% in testing.
· Stress-tested under simultaneous requests, maintaining 99% uptime and consistent throughput.

EDUCATION

Computer Science
California State University, Fullerton · Fullerton, USA · 2026 · 3.01

INVOLVEMENT

Member
California State University, Fullerton · Women in Computer Science and Engineering (WiCSE) · August 2022 - Present
· interview preparation.
· Engaged in mentorship and networking with 20+ peers, alumni, and industry professionals.

Member
California State University, Fullerton · Association for Computing Machinery · August 2024 - May 2025
· Participated in team meetings on open-source practices, version control, and industry trends.
· Collaborated with 10–15 peers on coding challenges and project design discussions.

SKILLS

· **Languages:** C, C++, C#, JavaScript, Python, SQL, NoSQL, R
· **Web Development:** React, Node.js, Express.js, Next.js, HTML, CSS, Redux
· **Mobile & Cross-Platform:** Kotlin/Android, Flutter, iOS
· **Databases:** MongoDB, MySQL
· **Concepts:** Data Structures & Algorithms, Operating Systems, Computer Communication, AI/ML, OOP, Software Engineering Best Practices