

Joshua Ibrom

Phone: (830) 391-0781 | Email: joshuaibrom@gmail.com | Website: joshuaibrom.com | LinkedIn: Joshua-Ibrom

Education

- Texas A&M-San Antonio.** San Antonio, Tx **08/2024 - Current**
Master of Science in Computer Science
- Texas A&M-San Antonio.** San Antonio, Tx **08/2017 - 05/2024**
Bachelor of Science in Computer Science, Mobile Computing Certificate

Work Experience

- Web Development Intern.** San Antonio, Tx **05/2024 - 08/2024**
Texas A&M-San Antonio Information Technology Services Web Team
- Migrated 3000+ pages of the University website in Cascade, serving as the point of contact for the migration.
 - Deployed new portal application with over 8000 users consisting of all students, faculty, and staff using CampusM.
 - Supported continued development of a LAMP stack application used to store syllabi and CVs for University courses.
- Web Team Student Worker.** San Antonio, Tx **08/2023 - 05/2024**
Texas A&M-San Antonio Information Technology Services Web Team
- Managed over 3000 pages of the University website in Cascade CMS and used SiteImprove to ensure content quality.
 - Developed a new website for the University Esports program using HTML, CSS, Javascript, and Bootstrap.
 - Implemented parameter and form validation on our LAMP stack application to ensure the application's security.

Projects

- Fossil Finances.** Winner, RowdyHacks 2024 SWIVEL Challenge **02/2024**
- Collaborated on building a web fintech application incorporating accessibility-focused UI/UX design principles to assist elderly users in navigating the online banking landscape.
 - Unified the React-based frontend with the Flask-powered backend that interfaced with our Firebase Firestore.
- HackSA Website.** **10/2023**
- Deployed website for TAMU-SA's HackSA hackathon for participant tracking and event management.
 - Created new API endpoints for data analysis and mentored in other members' understanding of working with the codebase which utilized Next.js, TailwindCSS, and Firebase.
- ApartMate.** RowdyHacks 2023 **03/2023**
- Created sleek and user-friendly frontend utilizing React & Firebase yielding a Tinder-like experience for apartment hunting.
 - Assisted in the deployment of the application to Google Cloud Platform and the consumption of public APIs to gather apartment information for end-users.

Skills

Programming: Javascript/Typescript, Python, Rust, Zig, HTML, CSS.

Web and Other Technologies: React, Astro, Svelte, Express, Node.js, GNU/Linux, Vim, Git, SQL, Cascade CMS.

Extracurricular Activities

- Hacker/Participant, Winner.** RowdyHacks 2024 **02/2024**
Engineered a web application for the hackathon's SWIVEL challenge which yielded an elderly-friendly and accessible banking solution for which I focused on state management and general project guidance.
- Organizer/Web Team.** HackSA 2023 **10/2023**
Organized and ran my university's first overnight hackathon and worked on the website for the hackathon. Led 2 workshops covering the basics of Figma and an Introduction to HTML & CSS.
- Logistics Officer.** TAMU-SA ACM **09/2023 - 12/2023**
Served as an officer of my university's Association for Computing Machinery organization. Led 1 Introduction to HTML, CSS, & JS workshop with an attendance of over 25 members and 1 Introduction to Git workshop.