

Joshua Ibrom

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Education

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

Work Experience

Web Development Intern. San Antonio, Tx	05/2024 - 08/2024
<i>Texas A&M-San Antonio Information Technology Services Web Team</i>	
<ul style="list-style-type: none">• 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
<i>Texas A&M-San Antonio Information Technology Services Web Team</i>	
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.	