

Joshua Ibrom

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Education

Texas A&M - San Antonio

Bachelor of Science in Computer Science

08/2017 - 05/2024

Skills

Languages: JavaScript / TypeScript, Python, Rust, Zig, Java, BASH, PHP, HTML, CSS.

Web Frameworks / Libraries: React, Next.js, Astro, Svelte / SvelteKit, Vue.js, Express, Node.js.

Other Technologies: GNU/Linux, Vim, Git, Firebase, MongoDB, Cascade CMS, SiteImprove, Jira, \LaTeX .

Work Experience

Intern. San Antonio, Tx

05/2024 - Current

Texas A&M - San Antonio Information Technology Services Web Team

- Assisted in and served as the point of contact for the migration of over 3000 pages on the University website.
- Assisted in the deployment and maintenance of a new student portal application using CampusM.

Student Worker. San Antonio, Tx

08/2023 - 05/2024

Texas A&M - San Antonio Information Technology Services Web Team

- Managed University website in Cascade CMS and used SiteImprove to remedy broken links and other site issues.
- Created a new website with a team of other student workers using HTML, Bootstrap, and custom CSS and JavaScript.
- Developed new versions of a production PHP application, implementing parameter and form validation, new pages, filtering, and other features from a specific set of requirements.

Student Worker. San Antonio, Tx

09/2017 - 01/2022

Texas A&M - San Antonio University Police Department

- Performed public speaking, general security, report writing, inspections and inventories, and project correspondence.

Awards: *Civilian Employee of the Year, 2021; Chief's Commendation Award, 2020; Certificate of Merit, 2018 & 2019.*

Projects

Fossil Finances (🔗: Joshua-Ludolf/FossilFinances)

02/2024

Tech Stack: React, Tailwind, Flask, Firebase

Description: A simple elderly-friendly and accessible banking application using React on the frontend, and Flask on the backend, built with two others for RowdyHacks 2024. Winner of the hackathon's Swivel challenge.

Blog.JoshuaIbrom.com (🔗: blog.joshuaibrom.com) (🔗: sk3p7ic/blog.joshuaibrom.com)

01/2024

Tech Stack: SvelteKit, Tailwind, Remark / Rehype

Description: A personal blog using SvelteKit and Remark / Rehype for rendering posts written in Markdown.

HackSA Website (🔗: https://hack-sa.vercel.app) (🔗: acm-tamusa/HackSA-Website)

10/2023

Tech Stack: Next.js, Tailwind, Firebase

Description: The website for TAMU-SA's HackSA hackathon. I helped assist other members with understanding the code forked from acmutd/hackportal in addition to writing new API endpoints and other miscellaneous features on the site.

ApartMate

03/2023

Tech Stack: React, Tailwind, DaisyUI, Firebase

Description: Built for RowdyHacks 2023, this project aimed to give users a Tinder-like experience for apartment hunting. Built with the assistance of two other people, I mainly worked on the frontend UI and application state.

JoshuaIbrom.Com (🔗: joshuaibrom.com) (🔗: sk3p7ic/astro.joshuaibrom.com)

12/2022

Tech Stack: Astro, Tailwind, HTML, CSS, Markdown, Svelte

Description: My personal portfolio website, featuring static generation and Svelte for navbar state on smaller viewports.

Extracurriculars

RowdyHacks 2024 – Hacker / Participant, Winner

Built a webapp for the hackathon's Swivel challenge with two others which provided an elderly-friendly and accessible banking solution. I focused more on state management and general project guidance.

HackSA 2023 – Organizer / Web Team

Helped organize and run my university's first overnight hackathon in addition to building / maintaining its website.

TAMU-SA ACM – Logistics Officer

Officer / member of my university's Association for Computing Machinery club. Led 2 workshops covering HTML & CSS.

RowdyHacks 2023 – Hacker / Participant

Participated and built a webapp with two other students in my ACM club.