# Joshua Ibrom

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## Education

**Texas A&M - San Antonio**                                                                 08/2017 - 05/2024
*Bachelor of Science in Computer Science*

## 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

**Student Worker.** San Antonio, Tx                                                          08/2023 - Current
*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 given 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.

**SoHacks 4 & 5** – Mentor
Assisted competitors with various issues that they had with their code. Also helped teach others how to start programming.

**CyberPatriot** – Mentor
Taught competitors information that they would need to know for the competition, focusing on GNU/Linux.