

Sadir Islam

US Citizen | [Portfolio](#) | [LinkedIn](#) | [Github](#) | sadir.islam@colby.edu | 319-481-3758

EDUCATION

Colby College

Bachelor of Arts in Computer Science

Waterville, ME

August 2023 –

- **GPA: 3.96**
- **Coursework:** Data Analysis and Visualization, Data Structures and Algorithms, Neural Networks, Computational Thinking; Science, MIT: The Missing Semester of Your CS Education

TECHNICAL SKILLS

Advanced: Next.js, TailwindCSS, SvelteKit, Typescript, Python, Go, Markdown, VSCode, Neovim/Vim, Node.js, Unix tools (sed, awk, grep, ...), HTML, CSS, JS

Proficient: React, Prisma, PostgreSQL, Java, LaTeX, Git, Figma, Linux, IntelliJ IDEA, Bash, SASS, SCSS, Jest, Webpack

Familiar: Docker, Kubernetes, C, Rust

PROJECTS

Forsnowy – *Next.js/React, PostgreSQL, TailwindCSS*

August 2024 – September 2024

- Developed a full stack SaaS platform allowing users to create personalized websites as gifts for others, enhancing the gifting experience with tailored web pages
- Generated over **1200** total views and **50** websites within the first month of launch
- Implemented **Stripe** for seamless payment processing
- Implemented secure data storage using **PostgreSQL** and **AWS S3** to manage user content and website assets efficiently that can scale to **2000+** users

Scoped Sort – *SvelteKit, Typescript, SCSS*

July 2021 – Jan 2023

- Created a cross-platform application to help users sort and organize lists and datasets with numerous options
- Published both a library and a command line tool on NPM with over **4000** downloads
- Developed a **VSCode extension** with **1100** users
- Implemented over **400 unit tests** with **tape** achieving **100%** test coverage

Remote PC – *Svelte, Go*

October 2021 – June 2022

- Created a tool that allows users to control their computers remotely via network interfaces, providing flexibility in device management
- Implemented **WebSockets** with **Go** to establish real-time communication between clients and servers with **0.2 ms** latency, ensuring responsive interactions

Music CLI – *Go, Python*

October 2023 – January 2024

- Created a tool that helps users play and manage their locally installed music supporting over **10+** audio formats
- Implemented an extensive querying and tagging system that allows the user to select and categorize songs **100%** accurately
- Utilized **Spotify API** to synchronize playlist data and **LastFM** to track listening habits **99%** accurately

EXPERIENCE

Computer Science Teaching Assistant

Colby College

February 2024 – Present

Waterville, ME

- Assisted a minimum of **20** students weekly in mastering Computational Thinking: Science, providing guidance on assignments and projects to improve their understanding and problem-solving skills
- Increased student grades by **18%** on average

Team Lead Manager

Panera Bread

May 2023 – Present

Troy, MI

- Lead a team of **10** employees, delegating tasks and responsibilities to ensure **95%+** uptime and satisfaction.