Still to implement: raPlus, thermofan, imdb search, fb api

Calandar:

A bit messy- I was tasked with creating this calendar while I was learning about Javascript and jQuery. We were tasked with creating an event calendar in JS that communicated with a PHP server with a MySQL backend.

I have since improved dramatically, but I look back on this project with a lot of nostalgia because of how challenging it was.

I was tasked to create this calendar while learning about JavaScript in my Rapid Prototyping course. The calendar uses AJAX to communicate with a PHP backend that handles all querying of events.

Calendar features include:

Adding, deleting events

User Login, password encryption, filtering and/or escaping all content, CSRF tokens, HTTP-only cookies

At this point in my career, this calendar was the largest and most complex application I had ever built. If I were to revisit it I would make some serious structural changes, but it served as my first real introduction to web development, and it served well.

Chatroom:

Asynchronous Chat website where users can talk to each other! Users can create and join rooms, and the room admin can kick or ban other users.

For my Rapid Prototyping final project, I made a joke website for my friend and then-TA, Chiraag. It was a simple image hosting, site akin to imgur, that also allowed post commenters to add images. This project was my first experience working with a modern web framework, Ruby on Rails. Going in I didn’t know a lick of Ruby, but I had a lot of fun figuring everything out.

As Resident Advisors, two of our duties are logging floor events, and recording 1 on 1 meetings with our residents. Three of my fellow programmer-RAs and I wanted a way to efficiently do that, so we prototyped this content management system and called it raPlus. It uses Flask-Principal to manage user privileges,

This project was my first true team effort, and working with three other people on a sizable application was a great experience. Their successes and obstacles were my successes and obstacles. I learned and grew so much, and I’d like to think I helped my teammates do the same.

Take a look around!

Example email: [example@example.com](mailto:example@example.com)

Password: example