Team Members
- **Ross Jacobson (leader)**
  - Anna Gong (junior)
  - Avery Horvath (freshman)
  - Rhianna Lowery (freshman)

Platform/Protocol
- **Nostr** - a simple, open protocol that enables global, decentralized, and censorship-resistant social media
  - Two main components: clients and relays
    - Each user runs a client
    - Anyone can run a relay
  - Every user is identified by a public key
    - Every client validates these signatures
  - Clients fetch data from relays of their choice and public data to relays of their choice
    - Relays don't talk to one another, only directly to users
  - Protocol is based on very simple and flexible event objects (which are passed around as plain JSON) and uses standard elliptical-curve cryptography for keys and signing
    - Public key cryptography

Initial Plan   In Progress — 10:00 am
- Utilize an irus.to (web) client to create a personal relay that will redirect other clients to our webpage
- Implement local server and webpage files in Visual Studio Code
  - Team webpage will be created using HTML, CSS, JavaScript
  - This webpage will help keep CUW alumni connected
    - Update on current CUW events
    - Provide means for alumni donations
    - Connect with other alumni

Setting Up Personal Client   Successful — 10:40 am
- 1. Install Alby Chrome extension (bitcoin lightning wallet)
- 2. Iris.to public and private key
  - Npub: npub16sy7wvnxzr8xcxe4j87xjr6hskd0vlzsxzle08s9n89eq4f6ednqnyjg47
  - Nsec: nsec1qd7lens3gstrnmakcyrhaamd95yrk2pv84kr47u6vkck37z8kqjs0pzues
- 3. Connect Alby with private key
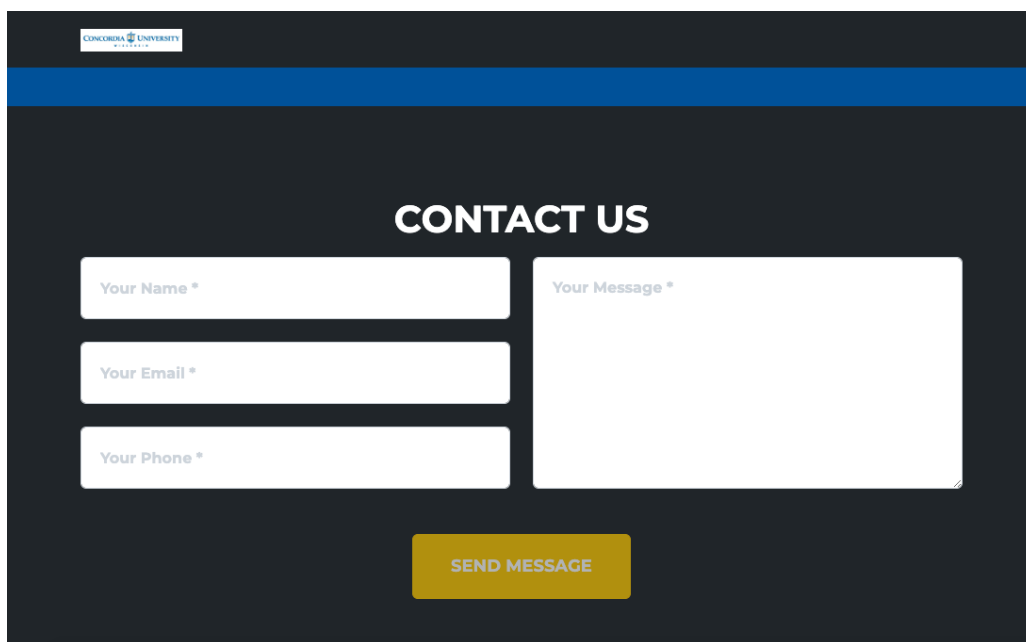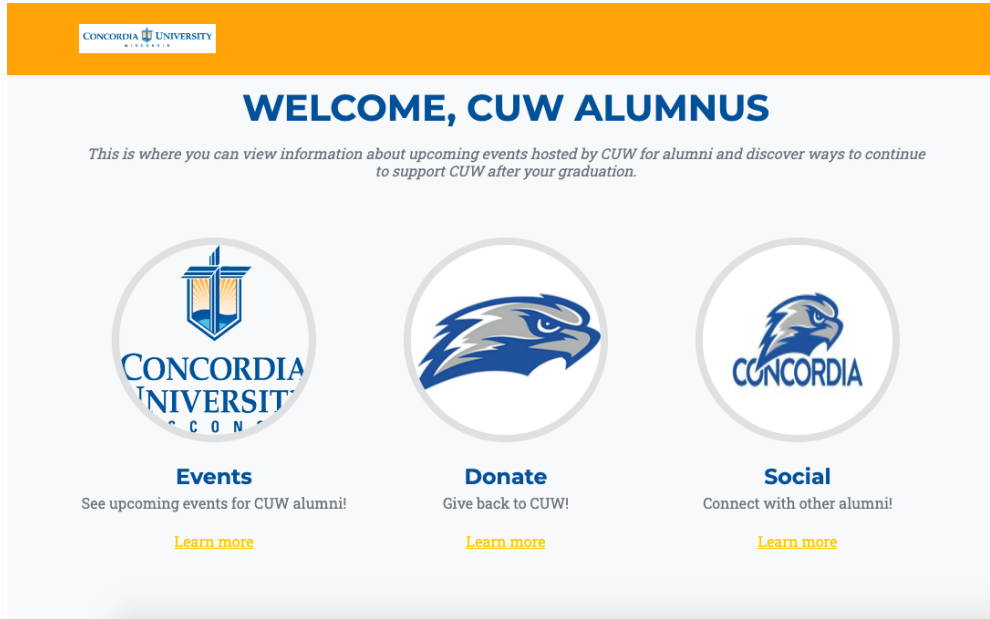- 4. Log in to iris with Alby

Creating local host   Successful — 12:00 pm
- In Visual Studio Code
  - using node.js, express, and HTML with CSS files
  - current environment http://localhost:8080
- Demo webpage runs successfully on localhost environment
- CSS and JavaScript code successfully integrated

Creating webpage (HTML)   Successful — 5:00 pm

- Rhianna and Avery are collaborating on the HTML file and learning how to use CSS
- webpage should be visually appealing and have the groundwork for the webpage design noted in the initial plan
- Followed a template and personalized; almost fully functional

Implementing webpage in relay   In Progress –6:00 pm

- Very little info on this, entire team is working on researching this process
- Minimal options; attempting to create a relay through VM of Ubuntu on VirtualBox
- Not recommended to create a personal relay because it's a hassle