Elizabeth (Lily) McClain

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TECHNOLOGIES & SKILLS

LANGUAGES: Python | JavaScript | C | C ++ | AJAX | JSON | HTML | CSS | SQL
FRAMEWORKS & LIBRARIES: Flask | jQuery | Bootstrap | Jinja
DATABASE & INDUSTRY TOOLS: PostgreSQL | Git | GitHub | Command Line
TOOLS/SOFTWARE: Foundation Center | DonorSearch

EDUCATION

HACKBRIGHT ACADEMY, San Francisco, CA   *May 2024*
Software Engineering Fellow – Accelerated, Software Engineering Program

NORTHWESTERN UNIVERSITY, Evanston, IL   *June 2022*
Bachelor of Science – Engineering Science & Applied Mathematics, GPA: *3.50/4.00*
Concentration in Methods of Optimization

PROFESSIONAL EXPERIENCE

HACKBRIGHT ACADEMY, San Francisco, CA
Student Engineer   Project: Lemme Show You a Song   *Spring 2024*
- Developed a full stack web application to generate playlists of recommended songs for Spotify users
- Created functionality for users to make blended playlists of new songs with other Spotify users
- Utilized the Spotify API to:
  - Analyze users' top songs to create playlists of song recommendations which exclude their top songs
  - Provide users with options to load more data from Spotify and receive up-to-date Spotify data
  - Allow users to listen to playlists on the website and export playlists to their Spotify account
- Created visualizations of all users' top ten genres, as well as each user's top ten genres

KOSZYN & COMPANY, New York, NY
Associate   *Summer 2022 - Spring 2024*
- Lead Associate for ten clients including relationship management, preparation and follow-up for
  meetings, ensuring the execution of all action items, and managing the Principal's communications
- Produced 10 fundraising events on behalf of clients, including managing invitations, attendee tracking,
  technology and catering logistics, runs of show and presentation, and guest communications
- Coordinated research efforts to inform client strategic decision-making and planning
- Originated general operations and programmatic grant proposals on behalf of clients
- Supported Principal and senior staff and prepare daily briefings on project statuses
- Organized and maintain all recurring office management, marketing, and invoice tasks
- Managed interns: maintaining internship schedules, protocol training, and assignments

Remote Research and Development Intern   *Summer 2020 - Summer 2022*
- Organized and analyzed historical data for 130 former and current nonprofit clients and prepared a
  Client History Analysis Report for company marketing and strategy
- Conducted foundation, corporate, and individual research using DonorSearch and Foundation Center
- Drafted and copy-edited client proposals and letters and managed submission and follow-up tracking

EYE TO EYE NATIONAL, New York, NY   *Summer 2019*
Event Specialist Intern
- Arranged travel and housing accommodations for over 130 people
- Led a team of ten interns and ran logistics for a week-long conference of over 200 people
- Onboarded new organizational systems to be used for future conference planning
- Organized daily room setups and breakdowns for 20 locations throughout the weeklong conference

NORTHWESTERN UNIVERSITY, Evanston, IL   *Spring 2019 - Spring 2022*
Peer Advisor
- Facilitated dialogues about mental health; wellness; social justice and inclusion; alcohol and other
  drugs; and sexual assault
- Led a group of ten to eleven new students through the week-long, first-year orientation
- Conducted a yearly, two-quarter Personal Development course in the engineering school