

Lionel Mason, MPA

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FULL STACK SOFTWARE ENGINEER

Full Stack Software Engineer with 10+ years in Healthcare Administration. Proven ability to identify and solve complex problems using problem solving, critical thinking, and analytical skills. An effective leader and collaborator. Ability to thrive in fast paced environments.

TECHNICAL SKILLS

Javascript (ES6) | HTML 5 | React.js | Redux | Next.js | CSS | Bootstrap | Tailwind | Ruby on Rails | PostgreSQL | Python | Firebase | Java | BugSnag | OOP | Postman | Data Structures & Algorithms | Git | Github |

TECHNICAL PROJECTS

Medication Tracker

This application is built with a RESTful CRUD architecture, equipped with authentication/authorization using cookies and sessions in the Ruby on Rails back end. Version 2.0.5 will include a user dashboard with KPIs specific to each user's medication regimen and for the admin. of the app to monitor trends.

- Utilized Rails to create a library/API in order to store React components for future use.
- Employed JSX and Bootstrap to style and design app.
- Will incorporate React Charts/Graphs to show KPIs (Key Performance Indicators) for users and the application's managers to see which trends will have the most impact. Version 2.0.5 Release date 6/25/24.
- Will incorporate PostGIS for geometry spatial data and AI connections to provide an interactive experience for each user. Version 3.0.0. Release date 7/8/24.

Forge Noir Inc

A platform where you can effortlessly plan and curate events, from spaces to services, all in one place.

- Spearheaded the development of a cutting-edge event planning platform, integrating seamless coordination of spaces and services with intuitive user interfaces. Leveraged expertise in Firebase, React.js, Next.js, and Express to architect and implement a comprehensive solution, enhancing user experience and streamlining event management processes. Played a pivotal role in creating a centralized hub for event organization, optimizing efficiency and convenience by consolidating planning tasks onto a single, user-friendly platform.

EXPERIENCE

Forge Noir Inc

Full Stack Engineer/ Internship

New York, NY
11/2023 - present

- Developed AI-powered assistant for property listings - Designed and implemented an AI assistant to interact with potential guests, providing immediate and context-aware responses regarding the listing and host, enhancing user experience and engagement.
- Context-Aware Conversations - Equipped the AI assistant with comprehensive data about the listing and the host, enabling it to answer specific questions related to amenities, availability, pricing, and host information.
- Data Preparation and AI Integration - Extracted and prepared data from the database, and fine-tuned a conversational AI model with specific context-related information.

GOOGLE

Tech Prep Rising Innovator

New York, NY
03/2023 - 07/2023

- Completed Tech Equity Collective's Tech Prep program. Tech Prep is a holistic career coaching program designed to support Black professionals looking to transition into technical roles.

Tri County Care

Data Analyst | Care Management Team

New York, NY
04/2020 - 05/2023

- Managed onboarding and implementation process for new clients.
- Utilized analytical skills to identify and address issues within Core Application Software.
- Conducted comprehensive analysis of case files, implementing data-driven approaches to determine optimal services for clients while ensuring accuracy and completeness of client records.

Achieve Beyond**ABA (Applied Behavioral Analysis) Therapist**New York, NY
04/2018 - 03/2020

- Conducted functional behavioral assessments to identify the root causes of challenging behaviors exhibited by clients.
- Partnered with teams to implement behavioral practices and onboarding of new clients.
- Implemented Applied Behavior Analysis (ABA) interventions to address and modify maladaptive behaviors.

Young Adults Institute**Technology-Enabled Care Specialist**Dobbs Ferry, NY
04/2011 - 03/2020

- Implemented and managed evaluation metrics to track patient progress, utilizing data insights to collaborate with Primary Care Physicians; improving medication safety, tracking, and reporting; and promoting quality care through optimized access to and adherence to guidelines.
- Applied data-driven methodologies to support special needs children, focusing on enhancing pre-vocational skills and fostering positive social peer interactions based on analytical observations.
- Facilitated the onboarding process for new clients/individuals by integrating data-driven strategies to ensure seamless transitions and personalized support plans.

Capital Cookhouse, LLC**Founder/Chief Executive Officer**New York, NY
03/2014 - Present

Capital Cookhouse, LLC is a culinary movement that is influenced by culture. Meeting at the intersection of art and design, these experiences serve as transformative events.

- Collaborate with culinary teams (restaurant managers, public/private funded companies) to ensure overall success of curated events.
- Raised sales by 70% by analyzing existing programs, furthering education, and redesigning marketing and advertising strategies.

EDUCATION & EXTRA CURRICULAR

JPMorgan Chase & Co. Software Engineering Lite virtual experience program on ForageNew York, NY
12/2023

- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department of JPMorgan Chase & Co.
- Created a new class to get an existing system up and running
- Wrote a test suite for the class added

Flatiron School**Software Engineering Certification**New York, NY
10/2021 - 05/2023

- Over 500 hours of professional front-end and back-end development training.
- Leveraged full-stack languages and libraries including Javascript, HTML, CSS, React, SQL, Ruby on Rails, Python, Postman, Git.

Mercy College Graduate School

MPA, Masters of Public Administration

Westchester, NY

Mercy College

Bachelors of Science

Westchester, NY