NATHAN MANNES

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EMPLOYMENT

R & A Sourdough · Front of House   Chicago, IL
Mar. 2024 to May 2024, Mar. 2024 to May 2024
- Assembled and prepared to-go orders
- Took orders from the register
- Took inventory

Academia.edu · Software Engineer   Chicago, IL (remote)
Sept. 2021 to May 2023
- Analyzed user data to determine whether or not projects were viable
- Optimized SQL queries with a combination of batching and indexing
- Designed database schema for a novel social media experience catered to academics
- Ideated and implemented a ETL data pipeline that processed and imported multiple terabytes worth of structured academic paper metadata
- Interviewed candidates. Conducted tech screens and virtual-onsite interview
- Ideated and conducted AB tests on email marketing and site content that resulted in hundreds of thousands of additional papers claimed
- Created and edited many API endpoints and webpages in a Ruby on Rails/React framework
- Helped to onboard 2 senior engineers and a new grad

Sezzle Inc. · Software Engineer   Minneapolis, MN
Sept. 2019 to Aug. 2021
- Modeled database, implemented changes to checkout process and frontend to create Sezzle Spend, a way of giving customers a discount on future orders, like a giftcard
- Managed a software engineer intern for 2 months
- Created rewards program that encourages users to pay with ACH instead of the expensive Stripe integration
- Combined affiliate links and a Sezzle-issued credit card to allow customers to pay with Sezzle at retailers that Sezzle does not yet partner with
- Wrote several webpages to automate customer-service work flow, saving at least 1,000 customer service hours over 9 months, using React.js with Redux, and wrote backend code in various HTTP-based Go microservices to support the functionality

Carleton College · Computer Graphics Course Assistant   Northfield, MN
Jan. 2019 to Mar. 2019
- Tutored students 1-on-1 in the course material and graded homework

EDUCATION

Carleton College · Sept. 2015 to June 2019
B.A. Computer Science 2019
GPA: 3.33
Political Science Coursework: American Politics, Political Philosophy, Politics and Political History in Cinema, Media and Electoral Politics
CS/Math Coursework: Data Structures, Algorithms, Data Science, Linear Algebra, Software Design, Computability and Complexity, Natural Language Processing, Artificial Intelligence, Quantum Computing, Computer Graphics
Athletics: Finished 3rd at D-III College Ultimate Frisbee Nationals in 2018 and 2019

PROJECTS

Political Rhetoric Analysis
Oct. 2018 to Nov. 2018
Scraped text of political rallies and programmatically analyzed them for populist rhetoric. Found, with statistical significance, that rallies held in swing states had a higher average amount of populist speech than those outside of swing states. Used Python and R

ACTIVITIES/VOLUNTEERING

Bluebonnet Data Fellow
La Defensa
Mar. 2024 to Current   Remote
Created map of election returns for the March 6th primary that are complemented by the demographic data of each city in the LA Area. Used Python GIS library, GeoPandas.

Care For Real
Mar. 2024 to Current   Chicago, IL
Unloaded and sorted pallets of food for later distribution. Also, helped to distribute food to clients

Dean Phillips For Congress (House Minnesota-03)
May 2020 to Nov. 2020   Wayzata, MN
Produced several HTML/CSS-based graphics for the candidate's website

SKILLS

PROFICIENT TECHNOLOGIES (ALPHABETICAL): CSS/HTML, Git, Golang/Go, JavaScript, Microsoft Excel, Microsoft Office, Python, R, React, Ruby on Rails, SQL, MySQL
TECHNOLOGIES I HAVE USED: Bash/Shell Scripting, C, dbt, Java, Redis, Ubuntu/Linux, Vue.js
OTHER INTERESTS: Baking, Bowling, Comedy, Cooking, Historical nonfiction, Ultimate Frisbee