JEREMY BEN-MEIR

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Education

CORNELL UNIVERSITY COLLEGE OF ENGINEERING — May 2022

Bachelor of Science in Computer Science, Minors in Real Estate and Data Science — Ithaca, NY

Relevant Coursework: Machine Learning, Algorithms, Data Mining, Data Structures, Econometrics, Linear Algebra, Statistics

GPA: 3.60/4.00; Honors: *cum laude*, Hunter R. Rawlings III Cornell Presidential Research Scholar

TRINITY SCHOOL — May 2018

GPA: 3.72/4.00; SAT: 1560 — New York, NY

Experience

GOOGLE — August 2022 - Present

Software Engineer — Mountain View, CA

AMAZON — June 2021 - August 2021

Software Development Engineer Intern — Palo Alto, CA

- Updated an Amazon SageMaker model visualizer for applied scientists to improve product search across the retail website
- Expedited model selection by implementing automated recommendations and interactive widgets to filter the display
- Created a package to retrieve the latest production model and upload it to Amazon S3 for display in the visualizer
- Reduced user workload by generating new model data with PySpark and displaying it as a meaningful visualization
- Proposed new model selection features that were approved during a presentation to my team and senior management
- Reviewed my teammates' work by revising their code changes and adding comments during weekly brainstorm meetings

OPEN STOREFRONT DIRECTORY — May 2020 - December 2020

Lead Data Scientist — New York, NY

- Interviewed 200 retail business owners to understand their most pressing concerns in light of the COVID-19 pandemic
- Began a self-directed research project with two peers with the goal of using ML to inform storefront site location
- Engineered multiple Python-based web scrapers to collect public information on New York City businesses
- Employed probabilistic entity resolution methods to efficiently match like business records and create a storefront list
- Authored a paper describing the research and its potential applications with assistance from Harvard Innovation Labs

SURVISION — October 2019 - April 2020

Application Developer — Philadelphia, PA

- Produced an iOS application to help local businesses with market research by connecting them to student perspectives
- Designed a frontend interface using Figma and Swift that allowed users to create an account and answer survey questions
- Programmed the application backend using Python and SQL to retrieve and organize questionnaire responses
- Met with local business owners and student brands to gather discount codes for distribution to users of the application

ROBOTIC PERSONAL ASSISTANTS LABORATORY — January 2019 - December 2019

Research Assistant — Ithaca, NY

- Developed a Java-based graphical food ordering simulation distributed by our team to over 100 research participants
- Collected survey information about participants' experience with the simulation to formulate an analysis of the results
- Made a mobile application using React Native to allow users to submit photos from their phone to an Amazon S3 bucket
- Wrote a program to process image metadata and create a map of the US using the hue values of over 1,000 images

Leadership and Activities

CORNELL BLOCKCHAIN — March 2022 - May 2022

Research and Development Team Member — Ithaca, NY

- Used Solidity to build an ERC-20 smart contract to dictate the transfer and ownership of our native token on the Ethereum network
- Published a React-based website that allowed investors to buy tokens, view their token holdings, and learn more about the project
- Lead bi-weekly tech reviews to inform the rest of the group of my progress and coordinate with the marketing end
- Advised and voted on decisions relating to our first round of token sales, tokenomic and fee structure, and marketing approach

PSI CHAPTER OF PI KAPPA PHI — January 2020 - May 2021

Executive Social Chair — Ithaca, NY

- Coordinated philanthropy and social events while overseeing the distribution of a $100,000 annual budget
- Worked with the executive board and the Cornell Interfraternity Council to adhere to event management guidelines

Skills and Interests

Technical: Python, Java, JavaScript, React, Solidity, SQL, Excel, OCaml, Swift, C, C++, HTML/CSS, Git, AWS

Languages: English (native), Spanish (proficient)

Interests: Running, Blockchain, Poker, Tennis, Guitar, Video Directing and Editing, Real Estate Investing