

JEREMY BEN-MEIR
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Education

CORNELL UNIVERSITY COLLEGE OF ENGINEERING

Bachelor of Science in Computer Science, Minor in Real Estate; GPA: 3.33/4.0

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

Awards: Hunter R. Rawlings III Cornell Presidential Research Scholar, Dean's List

Ithaca, NY

May 2022

TRINITY SCHOOL

SAT: 1560; SAT Subject Tests: Math II 800, Physics 800; GPA: 3.7/4.0

New York, NY

May 2018

Experience

AMAZON

Palo Alto, CA

Software Development Engineer I Intern

June 2021 – August 2021

- Updated an Amazon SageMaker model visualizer for applied scientists to improve product search
- 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

INDEPENDENT REAL ESTATE RESEARCH

New York, NY

Lead Data Scientist

April 2020 – Present

- 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
- Authoring a paper describing the research and its potential applications with assistance from Harvard Innovation Labs

SURVISION

Philadelphia, PA

Application Developer

October 2019 – April 2020

- 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

Ithaca, NY

Research Assistant

January 2019 – December 2019

- 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 TECH CONSULTING

Ithaca, NY

Member

March 2020 – May 2021

- Conducted comprehensive web audits that pinpointed areas of improvement and suggested changes in design or function
- Helped solve local businesses' issues with search engine optimization and online ordering efficiency
- Spoke with over ten local business owners suggesting an on-campus presence and discounts for nearby college students

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Ithaca, NY

Executive Social Chair

January 2020 – May 2021

- 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: Working proficiency in Python, Java, JavaScript, JSX, React, React Native, Swift, SQL, OCaml, C, C++, HTML/CSS, MATLAB, Node.js, Git, AWS, Microsoft Office, SolidWorks, Adobe Photoshop, Adobe Illustrator, Adobe InDesign

Languages: English (native), Spanish (proficient)

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