JEREMY BEN-MEIR

🔗 jeremyben-meir.github.io ⬡ github.com/jeremyben-meir/ 💼 linkedin.com/in/jeremy-ben-meir/

✉ jsb459@cornell.edu 📞 (917)-697-3521

EDUCATION

Cornell University College of Engineering *May 2022*
Bachelor of Science in Computer Science, Minor in Real Estate; GPA: 3.33/4.0 *Ithaca, NY*
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

Trinity School *May 2018*
SAT: 1560; SAT Subject Tests: Math II 800, Physics 800; GPA: 3.7/4.0 *New York, NY*

EXPERIENCE

Amazon *June 2021 - August 2021*
Software Development Engineer I Intern *Palo Alto, CA*
-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 *April 2020 - Present*
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
-Authoring 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 Tech Consulting *March 2020 – May 2021*
Member *Ithaca, NY*
-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

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: 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