Rohan Gupta

rohangupta2036@gmail.com ❖ (814) 650-7222 ❖ https://www.linkedin.com/in/rohan-gupta1

EDUCATION

Brown University **August 2018 – May 2022 (expected)**
B.S. in Applied Mathematics-Computer Science *Providence, RI*
- Cumulative GPA: 4.0/4.0
- Relevant Coursework: The Entrepreneurial Process, Algorithms and Data Structures, Computer Systems, Software Engineering, Probability and Statistics, Linear Algebra, Machine Learning, Deep Learning, Real Analysis, Selling and Sales Management, Persuasive Communication
- Activities: Badmaash, Club Tennis, Politics Unscrambled (Co-Founder)

WORK EXPERIENCE

Meta **June 2021 – August 2021**
Software Engineering Intern *Menlo Park, CA*
- Matched with AI/ML team in Meta Reality Labs (AR/VR)
- Developed and trained prototype model based on feature request from another team
- Constructed demo tool for quick and easy qualitative model evaluation
- Developed end-to-end tooling for humans to annotate models' responses based on various criteria
- Created organized data pipelines for models to learn from
- Python, PHP (Hack) JavaScript (React), SQL

Rocket Alumni Solutions **July 2020 – November 2020**
Software Engineer *Middletown, DE*
- Saved sales team two hours on each demo product's creation by writing spreadsheet-to-database translator and integrating scraping program with server endpoint
- Provided greater design flexibility to customers by adding custom font capability to CMS via Google Fonts API
- Reduced AWS S3 storage costs by 10% by writing automated script to delete unused objects
- Python (Django), JavaScript (Vue), SQL (MySQL), AWS, Jira

United States Census Bureau **June 2020 – August 2020**
Civic Digital Fellow in Data Science *Washington, D.C.*
- Reduced spreadsheet creation time from two hours to thirty seconds by developing automated pdf-to-spreadsheet conversion program based on feedback from one-on-one and group interviews with users
- Generated time burden estimates for 743 Economic Census forms by analyzing paradata in 400 million row Oracle SQL table and matching it with four million row csv file
- Python (pandas, SciPy), SQL (Oracle), Microsoft Excel

PROJECT

Fantasy Wizard **August 2019 – September 2020**
- Led three others in the creation of a fantasy sports team management platform with features including trade suggestion, roster evaluation, trade analysis, and lineup and waiver wire suggestions
- Developed first-ever fantasy trade suggestion algorithm that generates mutually acceptable trades based on users' revealed preferences
- Allowed users to seamlessly import their fantasy leagues by integrating with the most popular fantasy providers (ESPN and Yahoo) by using their APIs and scraping their websites
- Conducted in-depth user interviews and modified product based on feedback
- Java (Spark Framework), HTML, CSS (Bootstrap), JavaScript (jQuery), SQL (Postgres)