YUKTA RAKESH

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EDUCATION

UNIVERSITY OF MICHIGAN   Ann Arbor, MI
Stephen M. Ross School of Business
Bachelor of Business Administration, May 2022
- First place KPMG and First place finalist Oliver Wyman in Case Competitions 2019; Top three United Case Competition 2019; Top three Private Equity AIC Competition; Top 5 Tauber Institute for Global Operations Supply Chain Case Competition

College of Literature, Science, and the Arts
Bachelor of Science, May 2022
- Double Major - Data Science
- Proficient in coding in C++, Swift, Go, Rust, and Flux; also, proficient in Html/CSS coupled with design software such as Sketch and Figma
- Experience in Python and R/Radiant with relevant skillsets in statistical inference, confidence interval and hypothesis testing, linear and logistical regression modeling

EXPERIENCE
2020-Present

INFLUXDATA   San Francisco, CA
Software Engineering Intern
- Worked hands-on with the Flux team at InfluxData to help improve the Flux language focusing on creating special planner rules and feature flags to improve the efficiency rates for queries when passed from Gateway through Storage
- Got experience working with Go and Rust as co-dependant compiler languages by re-designing the flux parser that created wrappers around Go standard library code by redefining the grammar for builtin statements and creating a new Rust parser

2020-Present

COVID-19 CAMPUS CHALLENGE CO-CURRICULAR   San Francisco, CA
Team Software Lead
- Participated in the University of Michigan Covid-19 Campus Challenge to improve the traffic monitoring detection in study spaces after performing a needs assessment by surveying over 120 students on campus and speaking with a variety of administration staff
- Created StudySafe, a mobile application, which provides real-time, accurate crowd monitoring capabilities using the SenSource's cloud service ReSTful APIs from the PC-VIDX occupancy monitors which provide an accurate count of people inside buildings

2019-Present

MICHIGAN DATA SCIENCE TEAM   Ann Arbor, MI
Data Analyst
- Partnered with UMich Dining to help analyze the nutritional value and waste rate in nine different dining halls with thousands of data points by utilizing the pandas library as well as strong visualization libraries, such as seaborn
- Explored ways to find correlations among RateMe profiles using Python, specifically the pandas library, to read and manipulate various data points in order to create a conclusion on causations for higher ratings from various predetermined factors

2018-Present

180 DEGREES CONSULTING   Ann Arbor, MI
Director of Consulting
- Managed a group of seven PMs through their respective project by creating project management schedules to keep each team on track while staying on contact with our clients for the semester in order to deliver on five successful projects through the Covid-19 Pandemic
- Lead a team of four analysts to improve operations at Babel Movement by generating a financial model to encompass the flexibility of the business and focused on SEO data analysis and marketing initiatives to optimize their social footprint
- Restructured the financial plan for Henry Ford Learning Institute to create a sustainable revenue growth model while providing a new lesson plan in order to better impact their goals of inspiring children through entrepreneurship

ADDITIONAL
- Completed a variety of projects focused on topics included in machine learning, picture editing software, games simulations, NLP bias analyzer
- Data analyst for the Michigan Daily working with the sales and creative team to execute financially optimal decisions
- Participant in the University of Michigan Undergraduate Research Program