JAGJEET T. WANI

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EDUCATION

University of Michigan College of Engineering | Computer Science, BSE   Ann Arbor, MI
University of Michigan Stephen M. Ross School of Business | Business Administration, BBA   April, 2022
GPA: 3.83/4.0
Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Differential Equations, Business Analytics & Statistics, Computer Architecture, Human-Centered Software Design

PROFESSIONAL EXPERIENCE

JP Morgan Chase & Co. – Machine Learning Intern (Jan 2020 – Present)   Chicago, IL

- Automated customer service of Wholesale Loan Services (WLS) by developing a chatbot that improved efficiency of staff by 10%. Using the Natural Language Processing of the Amelia framework, the chatbot answers specific loan questions by dynamically accessing several internal databases and returning only requested information.
- Optimized internal training for employees by having the chatbot authenticate users and search Confluence pages to answer internal policy questions – received an average 7/10 accuracy rating through user interviews.

Rolls Royce Power Systems – Distribution Network Intern (May – Aug 2019)   Novi, MI

- Interpreted purchasing data within RRPS's internal business portal and created data models within Radiant to communicate to distribution managers the key changes in distributor performance over time and within industry.
- Created and maintained an Excel database of Key Performance Indicators (KPIs) of distributors within the Americas, which was adopted by the management and used to evaluate distributor sales, growth, and overall success.

ESI North America – Mechanical Engineering Intern (June – Aug 2017)   Farmington Hills, MI

- Utilized and implemented formability analyses to determine material grade of parts and optimize design through reductions in weight and cost of materials.

PROJECTS/ACTIVITIES

MECC Consulting – Consultant (2019), Project Advisor (2020)   Ann Arbor, MI
- Improved a venture capitals firm's deal criteria matrix's success rate by 10% using several different computer models - decision tree, neural networks and a regression tree among others – in order to predict the success of an investment.
- Performed marketing analysis for a software-as-a-service influencer marketing platform company by scraping Google search results to determine search frequency, resulting in a more optimized website with higher ranking for 2 searches.

Anonymouse (Multidisciplinary Design Program Team) (Aug 2018 – Jan 2020)   Ann Arbor, MI
- Developed an Android microblogging app, called *Anonymouse,* that uses Bluetooth LE scan to incorporate a novel infrastructure-less communication technology to prevent censorship for college students in mainland China.
- Implemented a user-interface for the app that displays only relevant posts based on degrees of separation.

Autonomous Drone (Aug 2018 – Jan 2019)   Ann Arbor, MI
- Built a drone to fly autonomously through an obstacle course and land precisely (within 6 inches) at a target location by writing scripts in C within Mission Planner, which made decisions from data collected by Lidar sensors.

Personal Website (Present)
- Designed and built a static personal website using CSS and HTML to display other projects and experiences in detail.

Private Tutor (May 2018 – Present)
- Taught over 200+ hours to 18 students on online platforms such as Varsity Tutors and Wyzant Tutors in subjects included, but not limited to, C++, ACT/SAT prep, Physics: Mechanics, Microeconomics, and Macroeconomics.

ADDITIONAL

1. Languages: <u>Fluent</u>: C++; <u>Proficient</u>: Python (NumPy), C, Java, Groovy; <u>Beginner</u>: HTML, CSS, R
2. Skilled in: Agile, Jira, Visual Studio, Data Analysis, Technical Writing, and Problem-solving.
3. Ask me about: Space, Movie Soundtracks, Shakespeare, Avatar the Last Airbender, and Table Tennis.