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: 3.85/4.00
Relevant Coursework: Data Structures and Algorithms, Introduction to Operating Systems, Web Systems, Business Analytics & Statistics, Advanced Analytics, Human-Centered Software Design, Technical Communication, Computer Architecture

PROFESSIONAL EXPERIENCE

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

- Automating customer service of Wholesale Loan Services (WLS) by developing a chatbot, which integrates with internal APIs and databases using Java Spring Boot, to answer loan questions, ultimately improving efficiency by 10%.
- Optimizing internal training for employees by having the chatbot authenticate users and search Confluence pages to answer internal policy questions – receiving an average 7/10 accuracy rating through user interviews.
- Using IP Soft's Amelia Framework to map user utterances and create a custom user interface for JPMC employees.

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

- Interpreted purchasing data within RRPS's internal business portal and created data models within Radiant to communicate the key changes in distributor performance over time and within industry to distribution managers.
- 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 2017 – Aug 2017) — Farmington Hills, MI

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

ACTIVITIES

MECC Consulting Group (Jan 2019 – Present)

VP Finance (Jan 2021 – Present)

- Served on board of club of 50+ active members and managed club finances and apparel of over 4000 dollars.

Project Advisor (Jan 2020 – Jan 2021)

- Performed marketing analysis for an influencer marketing platform company by scraping Google search results to determine search frequency, resulting in a better optimized website with higher rankings for 2 searches.

Consultant (Jan 2019 – Jan 2020)

- Improved a venture capital firm's deal-matrix success rate by 10% using several computer models - decision tree, neural networks and a regression tree among others – in order to predict the success of a potential investment.

Anonymouse - Multidisciplinary Design Program Team (Aug 2018 – Jan 2020)

- Developed an Android microblogging application, 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 application that displays only relevant posts based on degrees of separation.

Private Tutor (May 2018 – Present)

- Taught for over 200+ hours to 18 students through online platforms such as Varsity Tutors and Wyzant Tutors in subjects including C++, ACT/SAT prep, Physics: Mechanics, Calculus, Microeconomics, and Macroeconomics.

PROJECTS

Widgets Website (Jan 2021 – March 2021)

- Built a dynamic website that allows users to fill in a canvas with interactive widgets (Stocks, Twitter, Weather, etc.)

Personal News Scraper (June 2020)

- Developed a program that asks users for topics they want to learn about and scrapes Google search results to find and send a new topic-based article to the user's phone at a set frequency through the PushBullet API.

Autonomous Drone (Aug 2018 – Jan 2019)

- 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.

ADDITIONAL

Languages: C++, Java, Python, JavaScript, C, Groovy, HTML, CSS, R
Skills: Agile, Jira, Data Analysis, Java Spring Boot, Flask Framework, Technical Writing, and IP Soft's Amelia Framework.
Ask Me About: Movie Soundtracks, Space, Shakespeare, Avatar the Last Airbender, Music Mashups, and Table Tennis.