Vanshaj Vohra

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PROFESSIONAL EXPERIENCE

Technical Product Management Intern, AutoCate   May 2022 – Aug 2022
- Owned and built a Minimum Viable Product of a **company dashboard** that behaves as an interface between the admin & users and allows them to sign up, log in and create online records that can be searched by name or email in **Python** and **Flask**.
- Conducted market research, wrote **PRD** and designed **usability studies** for 100+ beta users to determine the top addressable challenges and iterated based on the feedback.
- Led project to redesign the website that increased views by 85%, unique visitors by 110% & signups by 65%.

Software Engineering Intern, Ciena   Sep 2021 – Dec 2021
- Developed a prototype of a **web-based visualizer** to represent dependencies between network domains & microservices as an aid for real-time troubleshooting to be used by 2500+ developers in **HTML & JavaScript**
- Improved error messaging and wrote test suites for a file system microservice that uses **YANG RPCs** to execute Linux commands as part of a standardized framework on an **embedded platform** in **Python**.

SELECTED PROJECTS

PhysiBot, Hack the North 2021   Jan 2021
- Built an assistive web chatbot in **React** that provides a preliminary health prognosis and recommends the nearest healthcare facility while travelling in a foreign country as part of a 3-member team.
- Implemented the recommendation feature based on a machine learning model designed using an **XGB classifier** in the I**BM Watson API Studio & Python**.

AgGro, IvyHacks 2020   Oct 2020
- Developed a web application in **HTML, CSS** and **JavaScript** to aggregate and automate ordering groceries for individuals living in shared spaces by creating a persistent data store using **Web Storage API**.

Budget Tracker, Personal Project   Aug 2020
- Created web application to track my college budget through intuitive colour settings in **React** & **ContextAPI.**

Reword, Personal Project   Dec 2019
- Implemented a text summarization & keyword extraction program in **Jupyter Notebook** using **PyTorch** and **T5** to assist with effective learning & studying.

SKILLS

- **Programming Languages:** Python, JavaScript, C/C++, HTML/CSS, Racket, Shell, R
- **Technologies/Frameworks:** Figma, React, Git, Django, Flask, Docker, Linux
- **World Languages:** English, Hindi, French
- **Others:** Problem Solving, Leadership, Public Speaking, Interpersonal Communication

EDUCATION

Bachelor of Computer Science(Honours), University of Waterloo   Sep 2020 – present
    Relevant Coursework: Object-Oriented Software Development, Data Structures and Data Management, Computer Organization & Design, Statistics, Entrepreneurial Strategy, Probability, Calculus II

RESEARCH & PUBLICATIONS

Relationship Between Personality Types and Academic Performance in Class X CBSE Exams,
Volume 07, Issue 4, October-December, 2019, International Journal of Indian Psychology

HONORS & AWARDS

President's Scholarship of Distinction, University of Waterloo
    Awarded to students with an admission average of 95% or higher