Vishank Rughwani

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EDUCATION

University of Washington   September 2018 – June 2022

Bachelor of Science in Informatics - Software Development & Data Science, Minor in Entrepreneurship   Seattle, WA

- **Overall GPA:** 3.7 | **Major GPA:** 3.9 – Annual Dean's List
- **Relevant Coursework**: Data Structures and Algorithms, Databases, Research Methods, Creating a Product (Capstone)
- **Languages:** Java, Python, JavaScript, NoSQL, SQL, R, HTML, CSS, C++, C, TypeScript, Swift
- **Frameworks & Libraries:** ReactJS, Numpy, Scikit-learn, Pandas, Plotly, Dplyr, PyTorch, Tensorflow

SUMMARY

Motivated and data-driven professional with comprehensive industry experience in data science and software engineering as well as leadership experience in product management and business. Track record of creating products while working with cross-functional teams of engineering, design, and marketing in which I have developed great written and oral communication skills.

WORK EXPERIENCE

Front-End Engineering Teaching Assistant: *UW iSchool – Seattle, WA*   January 2021 – Present

- Taught 35 students HTML/CSS, React.js, and Firebase to create web apps with weekly sections and office hours
- Oversaw and advised 27 projects from Figma designs to deployment as a functioning React app that uses Firebase
- Devised course material for 105 students to apply concepts learned from lectures in their web apps

Data Science (Machine Learning) Intern: *Blackstraw – Seattle, WA*   June 2021 – August 2021

- Researched and presented the fundamentals of reinforcement learning, multi-agent relations, and soft actor critics to the data science team by demonstrating how an agent in CityLearn (OpenAI Gym Environment) functions
- Assisted the data science team in building a GAN model with PyTorch to generate training data for a project
- Led the intern team by delegating tasks, setting internal deadlines, and relaying the goals set by our manager

Front-End Engineering Intern: *Satchl – Seattle, WA*   June 2021 – September 2021

- Used Figma to design the UX/UI for the sign-up & log-in processes by identifying pain points and following the CEO's vision
- Implemented the designs on Satchl's web application on XAMPP using HTML, CSS, and JavaScript to improve user experience

LEADERSHIP EXPERIENCE

Director of Rho Tech: *Alpha Kappa Psi – Seattle, WA*   September 2021 – Present

- Led a team of 7 to work towards building a web app for potential members for a better rush experience
- Conducted workshops to teach 60 fellow brothers of AKPsi topics like IOS development and data analytics

Director of Protothon: *DubsTech – Seattle, WA*   March 2020 – June 2021

- Directed a UI/UX Protothon with over 1300 sign-ups and solicited $11,850 in prizes from Adobe and Agora.io
- Delegated tasks within the team and secured participation from sponsors, mentors, and judges from industry
- Served as the intermediary between cross-functional teams for designs, data analytics, engineering, and marketing
- Evaluated event based on metrics such as participant retention rate, growth in number of teams, and average team score

PROJECTS

Product Manager: *Cards for humanity*   October 2021 – Present

- Led a team of 4 to launch a new card game in the board game market by conducting user research
- Developed a product vision and strategy by building a product roadmap and looking at the current competition
- Coordinated communication between the investors and my team to organize funds

Data Analyst: *GDP vs. Hate Crimes by State*   January 2020 – March 2020

- Published a Shiny application with RStudio to raise awareness about the negative effects of hate crimes on GDP
- Cleaned and extracted data using R and developed an interactive visualization with plotly and ggplot
- Conducted statistical analysis to show a relationship between GDP and hate crimes

INTERESTS

- Cryptocurrency, Stocks, Horse Riding, Soccer, Squash, Weightlifting, Scuba Diving