Vishank Rughwani

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EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL   Sep. 2018 – Jun. 2022

Bachelor of Science in Informatics (Software Engineering & 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, Front-End Dev., Databases, Core and Advanced Methods in Data Science, Elements of Statistics Methods, IOS Mobile Dev., Software Architecture, Design and Research Methods
- **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 OF QUALIFICATIONS

- Successfully hosted the first online UI/UX design hackathon by collaborating with cross-functional teams
- Experience leading individuals from a technical stance working as a teaching assistant and director of RHO Tech
- Designed and implemented new log-in and sign-up screens to provide a more user-friendly experience for Satchl

WORK EXPERIENCE

FRONT-END DEV. TEACHING ASSISTANT: *UW iSchool – Seattle, WA*   Jan. 2021 – Present

- Taught 35 students HTML/CSS, React, and Firebase to create web apps and guided them from design to deployment
- Conducted weekly sections and office hours to review topics like AJAX requests and accessibility in development
- Consistently working to raise the standard of projects every quarter by encouraging students to test the limits

DATA SCIENCE (ML) INTERN: *Blackstraw – Seattle, WA*   Jun. 2021 – Aug 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
- Worked as the product manager to delegate tasks, meet deadlines, and reach goals set by our manager

FRONT-END DEV. INTERN: *Satchl – Seattle, WA*   Jun. 2021 – Sep. 2022

- Using Figma, redesigned login and sign-up screens for a cleaner, more trusted user experience
- Implemented the designs on XAMPP using HTML, CSS, and JavaScript

EXTRA CURRICULARS

DIRECTOR OF RHO TECH: *Alpha Kappa Psi – Seattle, WA*   Sep. 2021 – Present

- Lead a team of 7 to work towards building a web application for rushees for a better rush experience
- Conducting workshops to teach members of AKPsi about the possibilities of technology in today's world

DIRECTOR OF PROTOTHON: *DubsTech – Seattle, WA*   Mar. 2020 – Jun. 2021

- Handled all logistical responsibilities for the first online UI/UX Protothon with over 400 participants
- Directed the next iteration with 1,300+ 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 the industry

PROJECTS

FRONT-END DEV.: *Huskler*   Nov. 2020 – Mar. 2021

- Developed a social website for students to find others with similar interests using HTML, CSS, React.js and Firebase
- Added multiple features including database functionality, search, and authentication
- Created media queries to ensure a seamless UX on different screen sizes and accounted for disabilities
- Served as the team lead to brainstorm innovative features and delegate tasks

DATA ANALYST: *GDP vs. Hate Crimes by State*   Jan. 2020 – Mar. 2020

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