

Vishank Rughwani

vishankr@uw.edu, (206) 779-0600, vishankrug.com, [linkedin.com/in/vishank-rughwani](https://www.linkedin.com/in/vishank-rughwani), github.com/vishankrug

EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL MAJOR GPA: 3.9 – ANNUAL DEAN’S LIST Sep. 2018 – Jun. 2022
Bachelor of Science in Informatics (Software Engineering & Data Science), Minor in Entrepreneurship Seattle, WA

- **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

RELEVANT 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

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

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

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

SOFTWARE ENGINEER (OOP): *Medical Center Application* Jun. 2020 - Sep. 2020

- Developed an interactive scheduling application in Java for a clinic after observing the existing, inefficient process
- Utilized principles of Object-Oriented Programming such as inheritance and encapsulation to create the application
- Used tokenizers to parse through stored data in order to gather insights for the clinic

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