Vishank Rughwani

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EDUCATION

UNIVERSITY OF WASHINGTON | INFORMATION SCHOOL MAJOR GPA: 3.9 – ANNUAL DEAN'S LIST   Sep. 2018 – Jun. 2022
Bachelor of Science in Informatics (Software Development and Data Science), Minor in Entrepreneurship   Seattle, WA
- **Relevant Coursework**: Data Structures and Algorithms (4.0), Front-End Dev. (4.0), Databases (4.0), Core and Advanced Methods in Data Science (4.0), Elements of Statistics Methods (3.7), IOS Mobile Dev. (4.0), Software Architecture (4.0)

TECHNICAL SKILLS

- Java | Python | JavaScript | NoSQL | SQL | R | HTML | CSS | C++ | C | TypeScript | Swift
- ReactJS | Numpy | Scikit-learn | Pandas | Object-Oriented Programming | Plotly | Dplyr | Keras | Tensorflow

EXPERIENCE

MACHINE LEARNING INTERN: *Blackstraw – Seattle, WA*   Jun. 2021 – Present
- Researched and presented the fundamentals of reinforcement learning, multi-agent relations, and soft actor critics to the data science team by demonstrating how CityLearn, an OpenAI Gym Environment, functions
- Assisted the data science team in building a GAN model with PyTorch to generate training data for an employee allocation project
- Worked as the team lead to delegate tasks and meet deadlines set by our manager

FRONT-END DEV. INTERN: *Satchl – Seattle, WA*   Jun. 2021 – Present
- Developed Figma designs for the sign-up and log-in screens
- Implemented the designs on XAMPP using HTML, CSS, and JavaScript

FRONT-END DEV. TEACHING ASSISTANT: *UW iSchool – Seattle, WA*   Jan. 2021 – Jun. 2021
- Taught 35 undergraduate students HTML, CSS, JavaScript, React.js, and Firebase to create web applications
- Conducted weekly sections and office hours to review topics like AJAX requests and accessibility in development

DIRECTOR OF PROTOTHON: *DubsTech – Seattle, WA*   Mar. 2020 – Jun. 2021
- Hosted the first online UI/UX Protothon with over 400 participants and 135 submissions
- Directed the next iteration with 1000+ sign ups, 200 submissions, and $11,850 in prizes from Adobe and Agora.io
- Delegated tasks within the team and contacted sponsors, mentors, and judges from the industry to participate

SALES EXECUTIVE INTERN: *Epro Middle East – Dubai, UAE*   Jun. 2020 – Sep. 2020
- Participated in technology sales to international and local businesses
- Implemented the trade of medical supplies, increasing company revenue by $700,000
- Closed 4 deals amounting to $75,000 in revenue

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

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

AWARDS & ACTIVITES

- Member of Alpha Kappa Psi Professional Business Fraternity   Dec. 2020 – Present
- Mentor at International Student Mentorship Program   Sep. 2019 – Jun. 2021
- Top 4 for Best Impact: WINFO Hackathon   Feb. 2020