RHEA BHUTANI

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EDUCATION

University of Washington, *Seattle, WA* *Graduation Date:* June 2022
Bachelor of Science, Major: Electrical Engineering & Psychology | Minor: Math *(Dean's List)*, *GPA: 3.8*
Relevant Coursework *(through Spring 2021)*: Advanced Data Structures and Algorithms, Database Systems, Signals and Systems, Design of Digital Circuits and Systems, Computer Architecture, Web Programming, Technical Foundations of Informatics

RELEVANT EXPERIENCE

Site Reliability Engineering Intern, Splunk, *Seattle, WA* *June 2021 – September 2021*
- Created and integrated various validators for a Splunk customer health status API
- Implemented the Open Policy Agent (OPA) rules engine for various endpoints for the API
- Increased input security and overall validator (API and OPA) coverage by 100%
- Responsible for creating the technical documentation
- *Technologies: GoLang, Python, Docker, Kubernetes, Agile*

Undergraduate Teaching Assistant, UW iSchool, *Seattle, WA* *December 2020 – Present*
- Teaching students programming concepts in Informatics 201 – Technical Foundations to produce web apps with interactive data visualizations
- Leading weekly laboratory sessions with around 25 people

Undergraduate Research Assistant, UW, *Seattle, WA* *March 2020 – Present*
- Assisted in the implementation of an Artificial Intelligence based Lip Reader to improve speech understanding for people with hearing loss
- Designed and developed noise cancellation for a real time phoneme level speech to text conversion
- *Technologies: Python, DNN*

Software Engineering Intern, BoticX Labs, *Delhi, India* *July 2019 – September 2019*
- Created an ASL to English translator with over a 95% classification accuracy
- Redesigned and optimized the software for a humanoid built for special schools in India, as well as for an iOS application
- *Technologies: Python, CNN, Image Segmentation, Swift*

TECHNICAL QUALIFICATIONS

Languages (Proficient): Python, GoLang, Java, JavaScript, C++, R, Arduino, HTML & CSS
Languages (Familiar): SQL, LaTeX, PHP, C, Swift, Kotlin
Skills: CNN, Flask, TensorFlow, Keras, PyTorch, Node.js, React.js, jQuery, JSON, AJAX, Docker, Kubernetes

ACTIVITIES & LEADERSHIP

Aware- A Fake News Classifier, DubHacks 2020, *Seattle, WA* *October 2020*
- Constructed a fake news classifier with over a 97% classification accuracy
- Integrated ML model to a dynamic webpage for public use (*Technologies: Python, JavaScript, DNN, Flask, HTML, CSS, Bootstrap, jQuery)*

Founder & Logistics Head, Junoon @ UW, *Seattle, WA* *October 2019 – Present*
- Leading a 15+ member dance team competing in the Desi Dance Network Legends
- Overseeing the logistics of the team, including evaluating budgets and expenditures

ACHIEVEMENTS

Year	Level	
2019	International	Member, Mensa International
2017	National	Times Spark Scholar
2017-18	School	Vice President, Robotics Club