

RHEA BHUTANI

+1 206.790.4603 | rb64@uw.edu | Seattle, Washington
rheabhutani.github.io | github.com/rheabhutani | linkedin.com/in/rheabhutani

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

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

Machine Learning Intern, BoticX Labs, Delhi, India

July 2019 – September 2019

- Created an ASL to English translator with over a 95% classification accuracy, working 50 hours per week
- 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

Web Designer, Reel Democracy, Seattle, WA

January 2019 – July 2019

- Designed an interactive website for the online political magazine, Reel Democracy
- Technologies: HTML, CSS, JavaScript, Bootstrap, React.js

TECHNICAL QUALIFICATIONS

Languages (Proficient): Python, Java, JavaScript, C++, R, Arduino, HTML & CSS

Languages (Familiar): SQL, LaTeX, PHP, C, Swift, Kotlin

Skills: DNN, CNN, Flask, TensorFlow, Keras, PyTorch, Node.js, React.js, jQuery, Bootstrap, JSON, AJAX

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

2019 International Member, Mensa International

2017 National Times Spark Scholar

2017-18 School Vice President, Robotics Club