ARCHITA SINGH

650-787-5338 · asingh29@uw.edu

github.com/architasingh · linkedin.com/in/architaasingh/ · architasingh.github.io/

Education
University of Washington Seattle, BS in Informatics/Computer Science

Class of 2024
GPA 3.9

Related Courses
Data Structures, Foundations of Informatics, Data Science, Game Design With Python, Principles of Engineering

Technical Skills
Java, Python, HTML, RobotC, XCode, R, Git, CAD Modeling - Autodesk Inventor, AppInventor

Professional Experience
Business Analytics Intern, Araali Networks — Fremont, CA   *June 2020 - August 2020*
· Conducted competitor analysis to determine company strengths and develop market positioning strategy
· Engaged in customer outreach by reaching out to potential customers through LinkedIn
· Revamped company website by improving company messaging and creating a fluid user experience

Software Engineering Intern, Araali Networks — Fremont, CA   *June 2019 - August 2019*
· Learned Python and Swift to build an app in XCode that approved customer login with 2-factor authentication

Tennis Coach, The Club at Ruby Hill — Pleasanton, CA   *December 2018 - June 2019*
· Coached elementary and middle school students by organizing drills and sharing tips for three hours per week

Projects
Mood Song Generator   *December 2020*
· Collaborated with a partner to build a Python program that takes in a song name as user input and identifies the mood
  (ex. happy, sad) by utilizing the PyPi LyricsGenius library and Genius API to retrieve song lyrics

Self-Driving Car   *January 2019*
· A closed-loop system that controls the movement of a vehicle based on button-press, used RobotC and VEX Robotics

Exercise App   *August 2018*
· Built app that measures user's steps, heart rate, and location, created on AppInventor

Arduino Musical Instrument   *July 2018*
· Used buttons and Arduino to build a piano, where each button plays a different note when pressed

Leadership
Society of Women Engineers
Outstanding Women Engineer Lead   February *2021 - Present*
· Correspond with university advisors and professors to retrieve award nominations
· Create Outstanding Woman Engineer scholarship applications to determine award recipients
· Compile a slideshow to highlight each recipient's accomplishments
· Gather and send presents to recipients

Communications Committee Member   *January 2021 - present*
· Draft scheduled emails with information and updates regarding the event
· Respond to questions sent to the hackathon email
· Send weekly updates to hackathon directors and relevant teams of progress

Involvements
Society of Women Engineers, HuskyTech, Rewriting the Code   *September 2020 - Present*

Awards & Achievements
Academic: Dean's List (2020), AP Scholar with Distinction (*2020*), AP + PLTW Student Achievement in Engineering (*2020*)