Vidisha Gupta

in vidisha-gupta   ⬤ vidisha-gupta   🏠 vidishagupta.com   ✉ vidisha@cs.washington.edu

Education

University of Washington, Seattle	September 2020 - June 2024 (expected)
Bachelor of Science in Computer Science, Minor in Mathematics	GPA: 3.83/4.0

Select Coursework

Data Structures & Parallelism, Algorithms, Systems Programming, Databases, Hardware/Software Interface, Software Design, Linear Algebra, Advanced Linear Algebra *Upcoming*: Machine Learning

Skills

Java, Python, JavaScript, C++, C, SQL, Linux, Git, React, Vue.js, JUnit, Bootstrap CSS

Experience

TEDxUofW	December 2021 – May 2022
Web Developer	*Seattle, WA*

- Designed and built a website from scratch for local TEDx event in a team of 7, working in Typescript and Vue.js
- Collaborated with design team and broader TEDx stakeholders to create a website in time for launch

Sensors, Energy, and Automation Laboratory	June 2021 – October 2021
Web Developer and Research Assistant	*Seattle, WA*

- Built and maintained the website for ECoS, a custom Microsoft Word and Google Docs plug-in used to write better research and technical papers, using Typescript and React

Projects

Donation Buddy: SWEHacks Winner | *Google Maps Javascript APIs, React, Bootstrap*　　　April 2021

- Developed a web app using Google Maps Javascript API, Google Place API, and Geocoding API that streamlines the donation process for items that people have in excess to reduce waste
- Wrote algorithm for API calls and filtering/selection logic and built frontend using React and Bootstrap
- Won the "Community" track of the SWEHacks 2021: ways one could make a positive impact on their community

UW Campus Map Webapp | *Java, React, TypeScript, Spark Java*　　　March 2021

- Created a web app that routes users between 50+ buildings on the UW campus using Dijkstra's shortest path algorithm on 5500+ data points
- Built the server layer using Spark Java and built frontend using React and TypeScript

Spotify Phrase Playlist Generator | *Python, Flask, Heroku, Bootstrap*　　　December 2020

- Worked in a team of three to create an application that generates a Spotify playlist where each song title is a word from the inputted phrase
- Developed server tier using Flask and Python to make API calls and authenticate users
- Deployed live site using Heroku

Leadership & Awards

COM^2: Computing Community (Previously known as UW ACM Chapter)　　　November 2020 – Present

Chair, Executive Board　　　May 2022 – Present

- Engage with directors, faculty, advisors, and students to lead the mission of improving diversity, equity, and inclusion via student-led advocacy, events, and cross-club collaborations
- Lead a team of 16

Social Events Coordinator, Executive Board　　　May 2021 – May 2022

- Spearheaded planning and execution of quarterly Allen School social events for 400+ students, faculty, and staff

Associate Officer　　　November 2020 – May 2021

- Led and organized social, academic, and career events to build community within the Allen School

National Center for Women in Information & Technology　　　February 2020

Award for Aspirations in Computing, Western Washington Affiliate