VIDISHA GUPTA

in vidisha-gupta   ⊙ vidisha-gupta   ⌂ vidishagupta.com   ✉ vidisha@cs.washington.edu   ✆ 609-455-4552

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

Languages: Java, Python, JavaScript, C++, C
Technologies/Frameworks: 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

Association for Computing Machinery (ACM)   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

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, leading a team of 15 officers

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