




VIDISHA GUPTA

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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