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: 3.84/4.0

Relevant Coursework

Data Structures and Parallelism, Systems Programming, Hardware/Software Interface, Software Design and Implementation, Linear Algebra, Advanced Linear Algebra, Programming Languages.
Upcoming: Intro to Algorithms

SKILLS

Languages: Intermediate: Java Beginner: C, C++, Python, JavaScript, TypeScript, OCaml
Technologies/Frameworks: Intermediate: Linux, Git, Beginner: React, Vue.js, JUnit, Bootstrap CSS

EXPERIENCE

TEDxUofW   December 2021 – current
Web Developer   *Seattle, WA*
- Creating a website for the local TEDx event in a team of 7, primarily working in Vue.js.

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
Social Events Coordinator, Executive Board   May 2021 – Present
- Lead the planning and execution of Allen School quarterly department-wide social events.

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