

Mehak Kamal

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EDUCATION

Virginia Tech, College of Engineering, Blacksburg, Virginia

Expected: May 2022

Bachelor of Science, Computer Science, Minor: Math

Semester GPA: 3.75 GPA: 3.4

Relevant Coursework: Data Structures and Algorithms, Intro to Computer Organization, Human Computer Interaction, Statistics for Engineers, Applied Combinatorics, Intro to Software Design, Discrete Math, Problem Solving in CS

Scholarships: GHC'20, Tapia'20, Google Developer Student Club Summit Scholarship

SKILLS & INTERESTS

Computer: Java, C/C++, Python, UNIX/Linux, JavaScript, Node.js, React, Angular, jQuery, HTML5, CSS3, Git/GitHub, MATLAB, MySQL, Big Query, MongoDB, GCP, AWS, Flutter, Android Development

Language: English, Hindi, Punjabi

Interests: Web Development, Mobile Development, VR/AR, Human Computer Interaction, Game Development, IOT

EXPERIENCE

Software Development Intern, OpptIn, Scranton, PA

June 20 - Aug 20

- Used C#, CSS, Node.js and Angular framework to develop a web application which uses location tracking technology
- Improved usability and design of landing page for better user interaction
- Added customized components for user space selection on the map and geofencing alerts using TypeScript
- Collaborated with R&D team to develop a white paper for blockchain technology using Hyperledger Fabric and, JS IPFS API

Founder, Developer Student Club at Virginia Tech, Blacksburg, VA

Aug 19 - Present

- Led a team of 10 core members responsible for managing members for participating in the DSC Solution Challenge
- Hosted technical workshops for 300+ students to engage in Machine Learning, Web Dev, GCP
- Represented Google Developers on collegiate level showcasing benefits of Google Technologies

Educational Officer, Association of Women in Computing, Blacksburg, VA

Aug 19 - Present

- Worked on developing informative sessions and hands on workshops for 500+ members to gain technical skills

Other Experiences: Teaching Assistant (First year Math courses), Resident Advisor for Housing and Resident Life, Writer for Engineers' Forum Magazine, Organization Team for VT Hacks 8

PROJECTS

Web Dev, VS Code Extension

June 20 - Present

- Participated in Microsoft VS Code Hackathon to develop an extension which helps beginner developers to get started with building their website
- Worked with 4 students to add boilerplate for Bootstrap, HTML/CSS and JavaScript which are automatically added when the user adds certain commands

Virginia Tech Memory Game

May 20 - June 20

- Developed a memory game using React.js, HTML/CSS, Git with a customized Virginia Tech theme

Weather Detection

Aug 20 - Present

- Created a real time weather detection web application using Tkinter (Python) and open weather map API to display weather in any city and detect draught

Space Colonies

Mar 20 - Present

- Worked with a group of 4 students to create a GUI using Java to create a game that helps differentiate items and place them in a certain space colony depending on a criterion