

Khelan Modi

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Education

Georgia Institute of Technology

Bachelor of Science in Computer Science (Devices - Intelligence)

Relevant Courses: Data Structure and Algorithms, OOP (Java), OOA/D, Discrete Math

Dean's List: Spring 2019- Spring 2020

Expected May 2022

Major GPA: 4.0/ 4.0

Technical Skills & Certifications

Languages: Python, Java, C, HTML, C++, JavaScript, CSS

Technologies: JavaFX, Bootstrap, Microsoft Office

Tools: Git, Github, Jupyter

Vernacular: English, Hindi

Organization: IEEE

Certificates by umich.edu on Coursera:

Interactivity with JavaScript,

Advanced Styling with Responsive Design

Introduction to HTML5, CSS3

Experience

Tutor | Bunker Hill Community College, Boston, MA

Jan 2020 - Present

- Assisted students in comprehending and applying the newly learned contents of C++ & Java programming successfully
- Review class materials with students by discussing text, working solutions to problems, or reviewing worksheets
- Successfully helped students to solve their problems

Software Engineering Intern | Practera Pty Ltd, Boston, MA

Aug 2019 - Dec 2019

- Designed and created a responsive Dashboard, using Java and JavaFX, to display student progress, tasks remaining, and chat list
- Worked, led, and managed a team that carefully organized data and improved the quality of the dashboard, which resulted in being implemented on the company's official app

Leadership and Operations Experience

Social Media Head | Brahmakumaris Spiritual Organization, MA

Jan 2019 - Present

- Led and managed the social media team to gain more than 5000 followers on Facebook and Instagram
- Created and maintained the organization's website using HTML, CSS, and JavaScript that provided information about the organization and its events
- Collaborated virtually with other members to execute this website in 20 days
- Organized weekly online meetings to check everyone's progress

Projects

Discrete Math Calculator

May 2020 - July 2020

- Crafted effective algorithms in Python that calculates various Discrete Math concepts
- Researched and designed a GUI to improve user experience

Farm Simulator

May 2020 - Aug 2020

- Built a farm simulator, using Java and JavaFX, that allows the user to perform a farmer's daily chores virtually
- Created comprehensive JUnit testing to ensure bug free code
- Collaborated virtually with three other members to meet all the requirements and deadlines

Candy Crush Game

Sept 2019 - Dec 2019

- Developed a game similar to Candy Crush that collects points based on various sequences
- Implemented using Java and JavaFX
- Developed GUI that allows for a simple user interface

Chatbot

Aug 2020 - Present

- Developed a Chatbot using Rasa and Python that displays the time zone of the user
- Implemented Rasa API to answer basic user questions