


Khelan Modi

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Permanent Resident/ No sponsorship required

Education

Georgia Institute of Technology

Expected May 2022

Bachelor of Science in Computer Science (Devices - Intelligence)

GPA: 3.67/4.0

Relevant Courses: Data Structures and Algorithms, OOP (Java), Object-Oriented Design and Analysis, Discrete Math

Clubs: The Agency (AI & ML)

Technical Skills & Certifications

Languages: Python, Java, C, HTML5, C++, JavaScript, CSS3
Technologies: JavaFX, Bootstrap
Tools: Git, Github, JUnit, Visual Studio, IntelliJ, Eclipse
Design & Dev: Agile, Scrum, Design Principles
Organization: IEEE

Certificates by umich.edu on Coursera:
Interactivity with **JavaScript**,
Advanced Styling with Responsive Design
Introduction to **HTML5, CSS3**

Experience

Research Assistant | HParch Lab (Georgia Tech), Atlanta, GA

Aug 2020 - Present

- Built a Face anonymizer using Python that anonymizes human faces in Zoom application for Windows OS
- Merged VirtualCam plugins with OBS studio to create a virtual image generated from the camera
- Integrated the identity protected tool that takes raw inputs from the camera, anonymizes it using our software, and sends the privacy-protected image to our virtual camera which feeds the protected image to video conferencing applications

Front-End Intern | My Influency, Atlanta, GA

Aug 2020 - Present

- Redesigned and built a responsive website, using HTML5, CSS3, and JavaScript, for the company's current landing page for an organized collection of data
- Led, and managed a team of five that allowed for a smoother interaction between the front-end and the back-end team to surpass the deadline

Research Consultant | Augmented Reality Lab (Georgia Tech), Atlanta, GA

Aug 2020 - Present

- Introducing new ideas to improve the Mozilla Hubs virtual meetings by scrutinizing current design and evaluating various research paper on Augmented Reality
- Reviewed previous papers on AR/VR and presented to a panel comprising of faculties and students

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
- Supervised a team to organize data that improved the quality of the dashboard, which resulted in being implemented on the company's official app

Operations Experience

Web Developer Head (Volunteer) | Brahmakumaris Spiritual Organization, MA

Jan 2020 - Present

- Created and maintained the organization's website by producing clear, efficient, and concise code in 20 days using HTML, CSS, and JavaScript that provided information about the organization and its events

Projects

Farm Simulator (Java, JavaFX, JUnit)

May 2020 - Aug 2020

- Built a farm simulator program that allows the user to perform a farmer's daily chores virtually
- Collaborated virtually with three other members to meet all the requirements and deadlines by creating a comprehensive JUnit testing to ensure bugs free code

Candy Crush Game (Java, JavaFX)

Sept 2019 - Dec 2019

- Developed a candy crush type game based on Object-oriented Programming and design methodologies
- Designed and implemented GUI that allows for a simple user interface

Chatbot (Python, Rasa APIs)

Aug 2020 - Present

- Developed a Chatbot that displays the time zone of the user and answer basic user questions
- Trained model and modified data set by using Rasa APIs to increase efficiency of the bot's replies.