

Kewal Shah | UX Engineer

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EDUCATION

Georgia Institute of Technology

Master of Science in Human-Computer Interaction (HCI), **GPA: 4.0**

Expected Graduation Date: May 2023

August 2021 – Present

- Coursework: Accessible & Inclusive Design, Mobile Apps & Services, Educational Technology, Data Visualization

Narsee Monjee Institute of Management Studies

Bachelor of Technology in Computer Engineering, **GPA: 3.24**

July 2016 – May 2020

EXPERIENCE

Microsoft, Product Designer (Sponsored Project)

September 2022 – Present

- Working with the Accessibility Program Manager to improve the user experience of checking a website's compliance with Web Content Accessibility Guidelines Level AA in Microsoft's Accessibility Insights for Web

Georgia Institute of Technology, Front End Developer (Graduate Research Assistantship)

August 2021 – Present

- Leading the React Native app development of a **\$500,000** research grant provided by the National Institutes of Health (NIH) to reduce HIV risks and improve sexual health communication among women of color
- Integrated health statistics from the Sense 2 Smartwatch and Aria Scale using Fitbit's REST API and Firebase

Georgia-Pacific, UX Engineer (Summer Internship)

May 2022 – August 2022

- Designed and developed the News & Knowledge section of the Georgia-Pacific Professional website using Vue.js
- Increased time-based efficiency for news article discoverability by **31.81%**

Starbucks, Product Designer (Sponsored Project)

January 2022 – May 2022

- Collaborated with the UX research team in Customer Retail and Technology to re-design the Starbucks mobile app to promote plant-based menu items and sustainable coffee consumption
- Interviewed 12 stakeholders, analyzed findings by Affinity Mapping and created high-fidelity Figma prototypes

Simform, Software Engineer (Full-time)

August 2020 – May 2021

- Developed a mobile for **1.3 million employees across 20 private hospitals** using React Native and Redux to solve logistic inefficiencies in operating rooms
- Created a custom Node.js script to streamline developer experience when using the i18n JavaScript library syntax for automatically mapping string variables to their English and Spanish translations

SKILLS

Languages & Tools: React, React Native, Redux, Typescript, Vue, AngularJS, CSS, Material UI, Figma, Miro, Adobe CC, Visual Studio App Center, JIRA, Node, Python, MongoDB, SQL

Software Development: Scrum, CI/CD, Kanban, Search Engine Optimization, Digital Accessibility

Product Design: Wireframing, Prototyping, Contextual Inquiries, User Interviews, Affinity Mapping, Surveys

PUBLICATIONS

IEEE 5th I2CT: Analysis of Cross-Platform Mobile App Development Tools

March 2019

VOLUNTEERING

Georgia Tech HCI Media Team, Team Leader – LinkedIn

August 2021 – Present

- Leading a team of 8 students to manage content on the school's LinkedIn page and advise prospective students

Make A Difference, Academic Support Volunteer – Transition Readiness

August 2018 – June 2021

- Provided 1:1 mentorship to 3 underprivileged grade 12 students and taught them Front End Development