Varnit Jain

User Experience Researcher

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Objective

I am looking for an internship for summer 2020 that will challenge me to solve everyday problems using creative solutions while enabling me to contribute, learn, and grow.

My background in HCI and CS enables me to **understand user needs** and **build technological opportunities** that will help solve them.

Education

Georgia Institute of Technology
MS in Human-Computer Interaction
Expected Graduation: May 2021
4.0/4.0

Indraprastha Institute of Information Technology (IIITD)
BS in Computer Science
August 2015 - May 2019

Skills

UX Research

Contextual Inquiry, Affinity Mapping, Task Analysis, Personas, Surveys, Interviews, Card Sorting, Journey Mapping, Empathy Mapping, Usability Testing, Statistical Modeling

UX Design

Paper Prototype, Storyboard, Wireframes, User Journey, Hi-fi Prototyping, Data Visualization

Development

HTML, CSS, Javascript, Flask, Java, Python, C++

Android Studio, Unity, SQL, MongoDB, Git, Arduino, Raspberry Pi

Experience

GT Ubicomp Group
UX Research and Android Developer | August 2019 - Present

Performing user research with clinicians and developing an android application (*PECSS*) that aims to augment treatment for PTSD patients by providing a transparent progress platform, measuring their engagement levels, and generating best treatment practices.

NCR Corporation
UX Research | August 2019 - December 2019

Collected, organized, and analyzed user data to fuel designs that made NCR's XK32 Interactive kiosk system more accessible for people with physical-impairments.

Precog
Project Management, UX Research | January 2018 - May 2019

Led the research, design, and development in a diverse team to take a concept to a product level - *MIME*, an android platform (800 organic users) that enabled people to connect based on meme preferences.

Planned and carried out user research - Surveys, Interviews, Affinity Mapping, Journey Mapping, Usability Testing, and developed the backend database and associated functions.

Ernst & Young
UX Research, Robotic Process Automation | May 2017 - July 2017

Led formative research to understand client requirements and deployed a chatbot used to measure employee satisfaction level in an office of about 1000 employees

Supported data analysis using SQL as part of a revenue assurance project for a leading coaching institute in India

Publications

VirtualBricks | ACM CHI 2019
Research, VR Developement

Researched and Developed Virtual Reality Experiences on Unity for a VR-Developer-Toolkit that enabled building custom physical-manipulation enabled controllers

Jamoora | ACM UIST (SIC) 2018
Project Management, Animatronics

Sketched animatronics for a story and built a robot controlled using speech (action performed - speech recognition) and music (animatronics of action - the emotion of music played)

Covered in many Indian national media outlets like The Indian Express, The Economic Times, The Hindu