# RUCHI OOKALKAR
*User Experience Engineer and Designer*

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## EDUCATION

Master of Science in Information (HCI)                    Apr'19
University of Michigan, Ann Arbor

MSc.Tech Information Systems
Birla Institute of Technology and Science, Pilani          Aug'16

## WORK EXPERIENCE

*User Interface Engineer*                              Dec'16 - Aug'17
Flipkart, Bangalore, India
- Designed personas, wireframes and conducted usability tests for internal access control tool used throughout the company by 1000+ users
- Built internal access control tool (ReactJS) Migrated existing Case Management WebApp to cleaner UX and newer tech stack (React JS)

*Research Associate*                                  Jun'16 - Dec'16
Information Design Lab, IIT Bombay, India
- Visualised Govt. of Maharashtra State infrastructural data of over 1 lakh schools in a hierarchical format as a squarified zoomable interactive tree map

*User Interface Developer Internship*                 Jun'16 - Dec'16
Flipkart, Bangalore, India
- Developed a success story visualization for Flipkart's head office(Bangalore) showcasing pan-India market penetration
- Added tool to suggest map type visualisation based on data charecteristics to Flipkart's in-house data analysis dashboard

## CURRENT PROJECTS

*ICPSR, University of Michigan*
Contextual Inquiry project to standardize data curation process

*Pair Programming partner search*
UX research and design for partner search application

## SKILLS

HTML5, CSS3, Javacript
ReactJS, AngularJS D3.js, python, R
Sketch, Adobe Illustrator

Brainstorming, Contextual Inquiry, Affinity Mapping, Whiteboarding, Scenario, Experience Mapping

Need Finding, Interviews, Surveys, Usability Testing, Game Design, Paper Prototyping, Wireframing, Instructional Design

## LEADERSHIP

*Workshop facilitator*
IndiaHCI 2016
'MicroInteraction Toolkit for UI/UX Designers'

*Teaching Assisant*
Instructional Design (IITB) Class size of 30

Computer Architecture (BITS) Class size of 190

*Vice President*
Drama Club, BITS Pilani Team size 40

*Teaching Volunteer*
Udaan Foundation, Mumbai Taught sciene and math to 40 underpriveleged students