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EDUCATION

Human-Computer Interaction

Master of Science in Information
University of Michigan, Ann Arbor, USA
Merit Scholarship
April 2018

Electronics & Telecommunication

Bachelor of Engineering
University of Mumbai, India
June 2009

EXPERIENCE

Graduate Student Instructor University of Michigan, Ann Arbor, USA Sept 2016–Present

Project Management, Python, Regular Expressions, Web content parsing, SQL, Map-Reduce, Hadoop, Spark

Full-stack Developer & CTO

Frappé Technologies, Mumbai, India May 2011–July 2016

Development, Design, Security, Cloud Infrastructure Management, Release Management, Conference Management, Content Writing, Hiring, Mentoring, Training

github.com/frappe
Frappé Framework—Python, JS, MariaDB
ERPNext—Open Source web-based ERP
ERPNext Cloud—Ansible based deployment UI

Systems Engineer

Infosys Limited, Bangalore, India Oct 2009–Jan 2011

Siebel CRM and Analytics, Oracle BI Publisher

SKILLS

Design

UX Research, Interaction Design, Wireframes, Graphic Design, Illustrator, Photoshop, Sketch, Balsamiq

Programming

Python, JavaScript, MySQL, Redis, HTML, CSS, jQuery, ReactJS, D3.js, PaperJS, SocketIO, NodeJS, Apache Spark, Flask, Ansible, Vagrant, Git, Travis

PROJECTS - more at apd.is/portfolio

Website Redesign: School of Information Improving the user experience and visual style, along with a responsive layout

Wireframes, Adobe Illustrator, Responsive

Student Life: Contextual Inquiry

Team project involving client interviews, affinity wall, and recommendations for Student Life at the University of Michigan

News Explorer: Visual Motion Tracking

Uses Kinect to track movement of a person, which moves a cursor over a world map to display news from a specific country Kinect, Processing, NodeJS, SocketIO, D3.js

Virtual Pong: Inertial Motion Tracking

Uses iPhone's Inertial Measurement Unit as a controller to play a game of pong

GyrOSC, Processing, Minim (Sound Library)

Empathy Glove: Critical Making

Makes the wearer aware of the mundane action of grabbing a bottle of water, by detecting the flexion of the hand and buzzing if the the bottle is grabbed at normal speed Arduino, Flex Sensor, Buzzer, NeoPixel Ring