ANAND DOSHI

Interaction Designer, Full-stack Developer

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github.com/anandpdoshi   http://apd.is

EDUCATION

Human-Computer Interaction
Master of Science in Information
University of Michigan, Ann Arbor, USA
Half-Tuition Merit Scholarship
April 2018

Electronics & Telecommunication
Bachelor of Engineering
University of Mumbai, India
June 2009

EXPERIENCE — 7 years

Graduate Student Instructor
SI 330: Data Manipulation
University of Michigan, Ann Arbor, USA
Sep–Dec 2016

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

Software 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, Illustrator, Photoshop, Affinity Designer

Programming
Python, JavaScript, Processing, Max/MSP, MySQL / MariaDB, SQLite3, Redis, Spark, Frappe, Flask, NodeJS, Ansible, Vagrant, HTML, CSS, jQuery, ReactJS, D3.js, PaperJS, SocketIO, Git, Travis

PROJECTS — *more at apd.is/portfolio*

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)

Sonic Pong: Acoustic Tracking
Uses a mic attached to a ping-pong paddle to count the number of bounces
Max/MSP, Jitter

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

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