Kandarp Khandwala

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Background

UCSD • MS in Computer Science (Human-Computer Interaction) • 2015-18 (mid-December)
IIT Bombay • BTech in Computer Science & Engineering • 2011-15

Research Experience

The Design Lab, San Diego · Advised by Prof. Philip Guo · 2016-*present*
Creating user-centered systems to help people program and design effectively, at scale

- Expanding the design space of learner interactions with programming tutorial videos
  Kandarp Khandwala and Philip Guo. *Published at ACM Learning at Scale 2018.*

Google, Mountain View · UX Research intern with Tao Dong · Summer 2018
Improving the usability of error messages in the Flutter SDK by studying how they are written by developers and perceived by users

Adobe Research, Bangalore · Research intern with Moumita Sinha · Summer 2014
Visualized visitors of a major e-commerce website based on their tendency of abandoning shopping carts and unsubscribing from email newsletters

- Online shopping cart analysis to identify true cart abandonment from prior behavior
  Moumita Sinha, **Kandarp Khandwala**, Harvineet Singh and DP Tejas. *Patent application*.

Previous Work

Conversational agents may improve problem-solving time and don't affect satisfaction:
Evaluated the design of a chatbot for augmenting learn-to-code UIs in place of live help

Making Marshmallow's Permissions Sweet Again: Designed a new permission model for Android that prevents misuse of permissions while reducing interruptions to the user

Volo: Prototyped a mobile app-based travel startup from inception, along with a business plan and video sketch for launching a crowdfunding campaign

Honors and Responsibilities

Ranked **13th in India** in the IIT Joint Entrance Exam (2011) among half a million candidates
Finalist at Startup UCSD hackathon (2016) in a team of five: **Project Live Vibe**
Part of the **GradWiC Board**, **CSE Mentorship** and **PhD admissions** student committees
Served as a grader for the **International and Asian Physics Olympiads**

Teaching

Interaction Design
Conducted studios on storyboarding, experience prototyping, heuristic evaluation, A/B testing
Conducted lectures on Needfinding, Mental Models and Analytics & A/B Testing

Usability & Information Architecture
Created detailed design rubrics and provided feedback on personas, usability, graphic layout