

# Avyay R Kashyap (15U130010) **Dual Degree (Interaction Design)** | CPI: 8.55

# Skills & Interests

Softwares

Adobe CC Suite

Sketch

Principle

Figma

Arduino

Unity3D

Final Cut Pro

#### Skills

Contextual Enquiry
Interactive Prototyping
Physical Prototyping
System Design
Journey Mapping
Information Architecture
Heuristic Evaluation

#### Interests

Micro-interactions Gestural Interactions Tangible Interactions IoT

Conversational UI Screenless Interactions

AR/VR/MR

Human Centred Design

#### Student Volunteering

INTERACT 2017 IndiaHCI2016 Cumulus 2015 Typoday 2019

# Postions of Responsibility

#### **ISMP mentor** | 2017-2018

Chosen as one of three mentors under ISMP (Institute Student Mentorship Program) for the academic year 2017-18 to mentor 12 students.

#### Internship Coordinator | 2017-18

Worked with a team of 35 Internship Coordinators to facilitate the internship process for 2000+ students.

### Class Representative | 2015-17

Elected representative of the first undergraduate batch at IDC amongst 30 students to establish dialogue between faculty and students. Hi there! I'm a passionate designer who loves exploring, tinkering and creating content for new media. Discovering unexplored possibilities and finding ways to make the experiences intuitive and coherent is what I do best. Away from design, I enjoy photography and sketching, and am an ardent follower of Formula One and Football.

# **Work Experience**

#### UX Intern | Philips Innovation Campus | May - July 2018

A concept project to detect early signs of Conduct Disorder in children using emotion sensing technologies and IoT. The goal was to constantly monitor the emotional health of the child using solutions that are unobtrusive to enable to child to lead a normal life.

#### Graphic Design Intern | Hasura | December 2017

Worked on graphical elements for the Hasura webpage. Designed animated display faces to go with the projects done on Hasura.

# **Academic Experience**

**Exchange Semester | HfG Schwåbisch Gmünd |** September 2018- February 2019 Spent a semester at Hochschule für Gestaltung Schwåbisch Gmünd in Germany. Worked on projects in the Interaction Design discipline. Received a €2000 scholarship from the state of Baden-Württemberg as part of the BWS Scholarship.

# **Course Projects**

#### Gestural Interactions | B.Des Final Project | February - June 2019

An exploratory project in which I studied the various elicitation methods used in enabling gestural interactions. Worked with multiple sensors to enable gestural interactions. Demonstrated a gesture based tool to help autistic children learn social gestures by controlling a narrative. Made a video prototype demonstrating the use case of gestures in office scenarios as a means of getting intermittent exercising.

# Remote Physiotherapy | Redesign Project | September 2018- February 2019

Reimagined the experience of undergoing physiotherapy by enabling patients to do it from the comfort of their homes while ensuring they do the exercises correctly. A new user flow was created to ensure the benefits of visiting the physiotherapist is not lost. Visuals of the app were made to appeal to a wider audience.

# Classification of Physical Microinteractions | Collaborative Project | Oct - Nov 2017

Created a framework to aid in classification of Microinteractions in the physical world. An interface was designed to help navigate through the classification and allow product designers to enable new experiences in their products.

# GR2DC | System to improve driver behaviour | September 2017

Designed a two part system consisting of a dashboard display and a mobile application. Driving pattern information is obtained from sensors present on cars. This is analysed and presented to the driver in the form of unobtrusive real-time improvements and post journey summary to improve driver behaviour. Through the use of gamification, incentives are provided to aid in the reduction of congestion on roads.

# Disaster Management | System Design | Feb - April 2018

Gained a thorough understanding of the Disaster and Emergency response protocols at IIT Bombay by conducting interviews with all the stakeholders and mapping out their respective roles and duties. Designed a system level intervention to improve collaboration between all the players involved during an emergency to improve response time.