

Rishi Dua

rishi@rishidua.com

Website: rishidua.com | LinkedIn: rishirdua | GitHub: rishirdua

EDUCATION

IIT DELHI, INDIA

B.TECH & M.TECH
(DUAL DEGREE)
Electrical Engineering
2010 - 2015 | GPA: 8.5
Teaching Assistant for
Digital Signal Processing

NTHU, TAIWAN

2012 | Exchange scholarship

SKILLS

- Java • JavaScript
- Large scale migrations
- Cross team collaborations
- Dart (readability reviewer)

SIDE PROJECTS

Apps on Google Play

- Drinkify, drink recommender
- PaletteArt, a photo editor

React Your Way

On ProductHunt (goo.gl/ayncKg)

Community

- Organized HackBaroda
- Top 20% on Stack Overflow

Teaching at Google

- Machine Learning Bootcamp (Malaysia)
- Intro ML with TensorFlow (CA, NY, India)
- Grow with Google tours (OK, AL, NC, NM)
- Applied CS with Android (India)

PUBLICATION

Tunable optical switching
[Optics Express 2017](#)

AWARDS

- 8 spot, 4 peer bonus at Google
- 3rd in CanSat competition
40 teams from 28 nations
- All India 386 in IIT-JEE exam

EXPERIENCE

LINKEDIN | SENIOR SOFTWARE ENGINEER

Aug 2019 – Present

Mountain View, CA

- Backend engineer on LinkedIn Ads APIs

GOOGLE | SOFTWARE ENGINEER

Hotels Search

Jan 2018 - Aug 2019

Mountain View, CA

- Designed and built end to end hotel review writing experience, on Google Search and Google Maps, encouraging longer review text, and providing structured trip data
- Architected schemas and APIs, led migrations, and collaborated across different product areas including Maps APIs, storage infrastructure, and search frameworks
- Led the launch of hotel review writing UI on desktop and mobile web that increased review volume, being primary point of contact for product, UX, legal, and privacy teams
- Owned integration of hotel reviews with Google Opinion Rewards, a rewards-based program, generating 1000s of hotel review surveys per day from users stay history

YouTube - Video Ads Creation

Dec 2016 - Dec 2017

San Bruno, CA

- First engineer on the front-end of YouTube Director Mix, launched in Sept. 2017 enabling advertisers to create multiple variations from a single video ad on YouTube
- Architected a front-end server for Director Mix, using existing Google Java frameworks
- Implemented features for sharing projects and inviting users, for all Director products
- Initiated 20% project to automate client on-boarding, eliminating support requests
TechCrunch - <http://tcrn.ch/2fLx8dC>, Business Insider - <http://read.bi/2xlbOpp>

Inbox by Gmail

July 2015 - Dec 2016

Hyderabad, India

- Designed and enabled continuous memory and latency tests for Inbox Android app
- Integrated performance monitoring libraries into Inbox, Calendar, Docs, Sheets, Drive
- Built tool used by 50+ teams to visualize app performance and send regression alerts

NICTA | MACHINE LEARNING RESEARCH INTERN

May 2014 – July 2014

Canberra, Australia

- Fine-grained the friend sensor model, for preemptive trend detection on social media
- Identified central users by modeling network of 20 million users from 2 billion tweets

SONY | SOFTWARE ENGINEERING INTERN

May 2013 – July 2013

Tokyo, Japan

- Performed sentiment analysis of tweets and customer reviews to examine brand equity
- Parsed reviews, investigated TF-IDF scores and visualized branding factors in D3.js

UW-MADISON | RESEARCH INTERN (KHORANA SCHOLAR)

May 2012 – July 2012

Madison, WI

- Wrote scripts to detect pivotal sequences and predict effects of transcription factors

TEKNOVATES | COFOUNDER

Sept 2011 – Oct 2014

New Delhi, India

- Led design and development of CMS plugins and online education and testing portals