PIYUSH AHUJA

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EDUCATION

Second B.A. in Philosophy, Politics and Economics (PPE) **University of Oxford (2014 – 2016)**

Harris Manchester College Second Degree Scholar, K.C. Mahindra Scholar and Tiara Special Grant Scholar

GRE Score: 333/340. Ashtiany Collection Prize for highest score in Microeconomics.

Five-Year Integrated Masters in Mathematics and Computing (GPA: 8.07/10) **IIT Delhi (2008 – 2013)**

- Awarded C.K. Nanda Award for all round academic and extra-curricular excellence amongst the graduating class of 2013

WORK EXPERIENCE

Senior Software Developer **Wellcome Sanger Institute (Cambridge)** **Aug 2019 – April 2022**

- Developed a Docker Swarm Cluster Framework for hosting web services for Human Genetics Group using Terraform + Ansible + Python
- Developed a Hail Cluster Usage Report web app (Stack: Vue.js frontend, AIOHTTP/Python backend)
- Developed a command line tool "Vault" and a python software "Sandman" for researches to automate Human Genetics Informatics's resource usage policies on Farm

Founder **Platonia (Start-up)** **Dec 2017 – August 2019**

- Built the first MVP of Platonia: a native Android application which allows users to share skills one-on-one using an Express + Node.js + MongoDb backend and JSON-based RESTful APIs.
- Built a thorough unit and integration testing framework using Mocha, Chai, Chai-HTTP, and Sinon packages.
- Hired and managed a team of three to ship v2 and v3. Launched the application with an initial user base from friends, family and students from Delhi colleges.

Product Manager (Jugnoo) **Socomo Technologies (Chandigarh, India)** **Dec 2016 – Dec 2017**

- Shipped features for Jugnoo, an on-demand mobile application used by more than 3 million consumers for on-demand rides, food delivery and grocery delivery in 38 cities in India. Grew from managing a team of five to a team of fifteen employees, including developers, designers, QA engineers and junior product managers.
- In-house meals delivery vertical: Piloted Instant Delivery (within 20 mins) model for operational profitability
  - ➣ Launched features: (1) Early Bird Discount (2) Bookmark Favourites (3) Meals Traffic Controller (4) Menu planner.
  - ➣ Doubled Orders/day (250 to 500); kept SLA above 80%; unit profits margin improved from 4% to 23%
- Piloted Star in Chandigarh: Jugnoo's subscription feature offering free delivery and cashbacks for consumers
  - ➣ Launched with day-one hypothesis on pricing & benefits; iterated based on data & customer feedback.
  - ➣ Grew subscriber base to 65 subscribers; monthly retention 6.96%; avg. ROI Rs. 236/mo monthly subscriber.
- Launched the new verticals: (1) AskLocal: a QnA platform, and (2) Jugnoo Pros: an on-demand service provider. Grew AskLocal's user base from scratch to 3000+ users, with a DAU/MAU of 5.68%.

LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

Member, University Challenge Team, Harris Manchester College (2015-16) and Secretary, Quiz Society, IIT Delhi (2010-11)

- Established the quiz team at Harris Manchester college from the ground up; organized regular try-outs and practice sessions
- Led a team of 11 to organize 30 events at IIT Delhi, including some of India's biggest quiz events (National Level Sweden-India Nobel Quiz 2010, in collaboration with Embassy of Swede, Mahaquizzer and Megawhats: held across 14 cities)
- Organized 8 Inter-College events at annual cultural festival Rendezvous 2010 with 100+ teams participating in each event
- Podium finish (Top three) in 52 Quizzes at various levels during 2008-13, including seven nationally televised episodes across Season 1 and 2 of NDTV Tech Grandmasters. Led IIT Delhi to the National Semifinals
- One of two students amongst the graduating batch to be awarded 'Cumulative Outstanding Contribution to Quiz Society'

HOBBIES

Travelling and Volunteering: Constructed a Solar Water Bath for Komic Monastery (Himalayas) at an altitude of over 4500m in a team of 20 (June 2014). Hiked the active volcano of Krakatau in Indonesia (July 2012). Awarded Travelling Scholarship for a cultural study in Thailand (July 2016).