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)**
- Master's Thesis**:** Approximation Algorithms in Network Design *(*Awarded *Outstanding* grade)
  Devised a primal dual algorithm for the Single-Sink Rent-or-Buy network design problem. Proved lower bound
  of 3 on performance guarantee of the 4.55 approximation algorithm by Swamy and Kumar.
- Awarded C.K. Nanda Award for all round academic and extra-curricular excellence amongst the graduating
  class of 2013

TECHNICAL EXPERIENCE

Full Stack Development   **Platonia (Independent Project)**   **Dec 2017 – Dec 2018**
- Conceptualized and built v1.0 of Platonia: a native Android application which allows users to share skills one-
  on-one. The application uses a Express + Node.js + MongoDb backend.
- Designed the UX of v2.0 by making empathy maps, user journeys, competitor analysis & initial user testing.
- Hired and managed a team of three to ship v2.0. Launched the application with an initial user base of about 129
  users from friends, family and students from Delhi colleges.

WORK EXPERIENCE

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 the "Instant Delivery Model (delivery in 20 mins)" for operational
  profitability
  - ➢ Launched product 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: an on-demand QnA platform, and (2) Jugnoo Pros: an on-demand
  service providers. Grew AskLocal's user base from scratch to 3000+ users, with a DAU/MAU of 5.68%.

Intern (Energy Modelling)   **Aurora Energy Research (Oxford, UK)**   **Jul 2015 – Sep 2015**
- Optimized the data cleaning & loading by using R script in sync with SQL engine, achieved speed-up of 7200%

Analytics Specialist (Global Markets)   **Opera Solutions LLC (Noida, India)**   **Aug 2013 – Feb 2014**
- Quantified impact of Hurricane Sandy on US Bond Markets using *Monte Carlo simulations* and data from
  Hurricane Katrina. Managed database of cloud-based SaaS platform enabling risk analysis, valuation & stress
  testing in RMBS market

SKILLS

Languages: Java, Javascript **Tools/Frameworks:** Android, Node.js, Express, MongoDb, git