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

WORK EXPERIENCE

CTO   **Platonia (Start-up)**   **Dec 2017 – Current**
- 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 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: 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%.

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 (Proficient) , Javascript **Tools/Frameworks:** Node.js, Express, MongoDb, Android, git