Rohan Kumar

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EDUCATION

IIT BOMBAY (2018)	• B. Tech. (with Honors) Chemical Engineering: 8.17/10 • Recipient, Chemical Engineering Department Citation (3/124 students)
DPS HARIDWAR (2014)	• Intermediate: 96%; Matriculate: 10.0/10.0 • INSPIRE Scholarship, 0.1% Merit Certificate

PROFESSIONAL EXPERIENCE

MASTERCARD ADVISORS

Associate Analyst, Consulting Services [Jun'18 - Present]

Advising issuers and acquirers globally in payments space with focus on card portfolios

- Developed a financial model to predict billings and interchange for a UK issuer
- Identified market trends and opportunities in commercial payment space for a Swiss issuer
- Mastercard Innovation Week challenge:
  · *Top 5 Global Finalists* among 268 teams worldwide; Gurgaon center winners
  · Presented business case on digital payments cum queue management for tourists

INTERNSHIPS

UNILEVER UK & IRELAND

Summer Trainee, Supply Chain Management [May'17 - Jul'17]

Unilever Leadership Internship Programme

- Presented proof of concept on automated product volume forecast system for promotions
- Delivered **50%** reduction in BAU work-hours for **30** employees across three verticals
- Developed end-to-end Excel tool to realign product hierarchies for increasing forecast accuracy

PURDUE UNIVERSITY

Research Scholar, Personalised medicine [May'16 - Jul'16]

Developed optimum dosage regimen for an anti-cancer drug

- Identified top 30 biomarkers from 512 responsible for side effects using machine learning
- Optimised dose size and timing by marking oscillations in cancer cell drug response model

PROJECTS

MICROSOFT CODE.FUN.DO

- Awarded in **top 5** teams from **15** colleges in India; featured on Microsoft India News Center
- Developed Universal Windows App simulating a food web with real time user control
- Awarded Pre-Placement interview with Microsoft Development Center India

GAME ENGINE

- Programmed a game engine with team strategy, player positions and responsibilities
- Applied object oriented design patterns for dynamic function allocation

LEADERSHIP EXPERIENCE

AZEOTROPY 2018

Overall Coordinator [Apr'17 - Mar'18]

India's largest inter-collegiate Chemmical Engineering symposium

- Led 3-tier team of 80+ members executing 50+ events catering to 5000+ students
- Spearheaded operations, end-to-end logistics, budget allocation and industrial tie-ups
- 38% y-o-y increase in national elimination centers; 20% increase in participation
- Generated international research collaboration and student exchange opportunities

AZEOTROPY 2017

Marketing Head [Apr'16 - Mar'17]

- Achieved 18% y-o-y increase and highest budget in 11 years, delivered 52% of monetary deals
- Led media relations, hospitality, infrastructure setup and industrial competitions
- Introduced branding at national elimination centres with visibility from 3000+ students

ACHIEVEMENTS

ACADEMIC

- Selected for the **KVPY** Fellowship (Kishore Vaigyanik Protsahan Yojana) ['13]
- Awarded the prestigious **NTSE** Scholarship (National Talent Search Examination) ['10]

TECHNICAL

- **Skills:** C++,C#, Python, R, MATLAB, Java, Mathematica, LaTeX, Git
- **Convener**, Web&Coding Club: conducted open-source & web development workshops ['15-'16]
- **National University of Singapore** computing camp for int'l high school students ['10]