

# Rohan Kumar

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## EDUCATION

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| IIT BOMBAY<br>(2018) | <ul style="list-style-type: none"><li>B. Tech. (with Honors) Chemical Engineering: 8.17/10</li><li>Recipient, Chemical Engineering Department Citation (3/124 students)</li></ul> |
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## PROFESSIONAL EXPERIENCE

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| MASTERCARD<br>ADVISORS | <b>Associate Analyst, Consulting Services</b> [Jun'18 - Present]  |
|                        | <i>Consulting financial institutions globally in payments-focused problems and operations strategy</i> <ul style="list-style-type: none"><li>Proposing portfolio optimisation strategy for Mastercard offerings in North-American markets</li><li>Developed a financial reconciliation and forecast model for a UK Issuer around fee and interchange</li><li>Performed spend analysis for a Singapore mall to identify growth drivers and campaign efficacy</li><li>Identified growth drivers and trends of digital B2B payments in Switzerland for a Swiss Issuer</li><li>Mastercard Innovation Week challenge:<ul style="list-style-type: none"><li>Top 5 Global Finalists among 268 teams worldwide; Gurgaon center winners</li><li>Presented business case on digital payments to platformize high cash volume tourism SMEs</li></ul></li></ul> |

## INTERNSHIPS

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| UNILEVER<br>UK & IRELAND | <b>Summer Trainee, Supply Chain Management</b> [May'17 - Jul'17]<br><i>Unilever Leadership Internship Programme</i> <ul style="list-style-type: none"><li>Developed automated product volume forecast system using data from past 2500+ promotions</li><li>Delivered <b>50%</b> reduction in BAU work-hours for <b>30</b> employees across three verticals</li><li>Developed end-to-end Excel model to realign product hierarchies; achieved 40% decrease in CoV</li></ul> |
| PURDUE<br>UNIVERSITY     | <b>Research Scholar, Personalised medicine</b> [May'16 - Jul'16]<br><i>Developed optimum dosage regimen for an anti-cancer drug</i> <ul style="list-style-type: none"><li>Utilised machine learning to identify 30 biomarkers responsible for adverse effects</li><li>Optimised dose timing by marking oscillations in cancer cell drug response population model</li></ul>  |

## PROJECTS

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| MICROSOFT<br>CODE.FUN.DO | <ul style="list-style-type: none"><li>Awarded in <b>top 5</b> teams from <b>15</b> colleges in India; featured on Microsoft India News Center</li><li>Developed Universal Windows App simulating a food web with real time user control</li><li>Awarded Pre-Placement interview with Microsoft Development Center India</li></ul> |
| GAME<br>ENGINE           | <ul style="list-style-type: none"><li>Programmed a game engine with team strategy, player positions and responsibilities</li><li>Applied object oriented design patterns for dynamic function allocation</li></ul>  |

## LEADERSHIP EXPERIENCE

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|-------------------|---|
| AZEOTROPY<br>2018 | <b>Overall Coordinator</b> [Apr'17 - Mar'18]<br><i>India's largest inter-collegiate Chemmical Engineering symposium</i> <ul style="list-style-type: none"><li>Led 3-tier team of 13 core members executing 50+ events catering to 5000+ students</li><li>Spearheaded operations, end-to-end logistics, budget allocation and industrial tie-ups</li><li>38% y-o-y increase in national elimination centers; 20% increase in overall participation</li><li>Generated international research collaboration and student exchange opportunities</li></ul> |
| AZEOTROPY<br>2017 | <b>Marketing Head</b> [Apr'16 - Mar'17] <ul style="list-style-type: none"><li>Achieved 18% y-o-y increase and highest budget in 11 years, delivered 52% of monetary deals</li><li>Led media relations, hospitality, infrastructure setup and industrial competitions</li><li>Introduced branding at national elimination centres with visibility from 3000+ students</li></ul>  |

## ACHIEVEMENTS

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|-----------|--|
| ACADEMIC  | <ul style="list-style-type: none"><li>Selected for the <b>KVPY</b> Fellowship (Kishore Vaigyanik Protsahan Yojana) [13]</li><li>Awarded the prestigious <b>NTSE</b> Scholarship (National Talent Search Examination) [10]</li><li>INSPIRE Scholarship; CBSE 0.1% Merit Certificate [14]</li></ul>  |
| TECHNICAL | <ul style="list-style-type: none"><li><b>Skills:</b> C++,C#, Python, R, MATLAB, Java, Mathematica, L<sup>A</sup>T<sub>E</sub>X, Git</li><li><b>Convener</b>, Web &amp; Coding Club: conducted open-source &amp; web development workshops [15-16]</li><li><b>National University of Singapore</b> computing camp for int'l high school students [10]</li></ul> |