



Samruddhi Dodal
Metallurgical Engineering and Materials Science
Indian Institute of Technology Bombay
Specialization: Ceramics and Composites

15D110006
Dual Degree (B.Tech+M.Tech.)
Female
DOB: 22/02/1996

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2020	8.50

PROFESSIONAL EXPERIENCE

Schlumberger Junior Field Engineer [May '18 – Jun '18]	<i>Awarded Letter of Recommendation for exemplary work performance in streamlining the delivery process</i> <ul style="list-style-type: none">Accelerated operations by 15% via amending product & service delivery process through debottleneckingEnabled effective overlapping decision-making by redefining roles & responsibilities via workflow diagramsEnsured safe deployment of radioactive equipment worth INR 4M through regular operational checks
Mondelez India Supply Chain Intern [Jul '18 – Aug '18]	<i>Proposed action plan for 65% reduction in chocolate wastage across the plant, saving up to INR 5M annually</i> <ul style="list-style-type: none">Initiated projects to redeem 30% plant losses by scrutinizing working of critical loss causing machineryPinpointed 23% loss reduction for a single line through cost-benefit analysis for each of the 12 SKUsOrchestrated full analysis of the production process; interviewed 40+ operators & executives across 3 functionsBuilt consensus on the implementation of proposed plan among 10+ internal and external stakeholders
Dhanvikas Business Analyst [Nov '17 – Jan '18]	<i>Part of the founding team for B2B enterprise providing end-to-end corporate finance solutions for SME businesses</i> <ul style="list-style-type: none">Worked alongside consultant from Bain, NY office to define operating model & identify differentiated productsDeveloped business case by identifying white spaces & underserved market segments in SME-lending

POSITIONS OF RESPONSIBILITY

Events Manager The Entrepreneurship Cell, IIT Bombay [Apr '17 – Mar '18]	<i>Led 150+ students to execute 2 international, 6 national and 25+ institute-wide events Budget: INR 21M</i> <i>E-Summit '18 Global Startup confluence with patronages from Make in India, UNESCO; 23k+ attendees</i> <ul style="list-style-type: none">The Ten Minute Million: Organized flagship Shark Tank style pitching event; led to on-spot funding of INR 3.2MInternship & Job Fair: Secured highest-ever (700+) student-company connections & CTC offered; 70% y-o-y rise <i>EnTech Conceptualized & executed initiative to transform research into tech startups; registered 17 live projects</i> <i>Entrepreneurship & Business Club Only club to have hosted luminaries from Y-Combinator, Ethereum & TED</i> <ul style="list-style-type: none">Revamped EnB Club to introduce 5 new genres, attracting 4500+ attendees; 80% y-o-y increasePioneered business model competition for freshers (300+ entries), leading to 50% rise in club participation
Student Mentor SMP, IIT Bombay [May '19 -Present]	<i>Selected from 300+ applicants on the basis of interview, peer reviews and strong all-round achievements</i> <ul style="list-style-type: none">ISMP Mentoring 12 freshmen for smooth transition to campus life through academic & co-curricular endeavorsDAMP Assisting 2 academically underperforming students with effective course planning & time management
Design Convener ICC, IIT Bombay [Apr '16 – Mar '17]	<i>Part of 8 membered team overseeing timely publicity & maximum outreach of 200+ events to 15000+ residents</i> <ul style="list-style-type: none">Achieved 40% y-o-y increase in participation in film-making events; highest reach among all cultural clubsTrained 500+ students in Adobe Photoshop & Illustrator by conducting 20+ basic & advanced workshops

INTERNATIONAL EXPOSURE

Exchange Scholar Politecnico di Milano, Italy [Sep '18 – Jan '19]	<i>Selected to represent IIT Bombay among cohort of international students from 110+ countries</i> <ul style="list-style-type: none">Critiqued financial data to propose investment decision for a Portuguese cleantech startup [course project]Chronicled experiences in an online travelogue while journeying across 12 countries on a shoestring budget
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PROJECTS

Manch Deutsche Bank [Dec '17 – Apr '18]	<i>Applications of Blockchain Technology Appreciated by the COO, DB Centre Awarded Special Mention</i> <ul style="list-style-type: none">Identified 6 use cases of blockchain in industry by inspecting its architecture & key differentiating factors
Master's Thesis [Jun '19 - Present]	<i>Temperature dependence of Electronic Structure in Semiconductors Prof. TRS Prasanna, MEMS, IIT Bombay</i> <ul style="list-style-type: none">Analysing variations in band gap across 4 structures of SiC using quantum mechanical modeling methods

ACCOLADES AND EXTRACURRICULAR ACTIVITIES

Scholastics	<ul style="list-style-type: none">Department Rank 3 in Dual Degree batchPursuing Minor in Management from SJMSOMRecipient of NTSE Scholarship (top 0.5%) ['09]International Level Spelling Bee Qualifier ['09]
Cultural	<ul style="list-style-type: none">Represented IIT Bombay in ET Now's 'Impact of IITians on Startup World'; aired on National Television ['17]Trained in Kathak & Rabindra Nritya ['05-'07]Performed at IITB's Annual Dance Show ['16]
Community Involvement	<ul style="list-style-type: none">Certified 'Prevention of Sexual Harassment' champion; conducted sensitization session for 50+ freshers ['19]Designed website for 'ReThink Pink', a Breast Cancer Awareness Campaign; attracted 20K+ audience ['16]Led a team of 500+ volunteers to collect 1200+ kg of waste at Juhu Beach; covered by NDTV ['17]
Interests	<ul style="list-style-type: none">Language learning enthusiast; proficient in 6 languages including elementary Sanskrit, French