Saubhik Mukherjee

E-mail — GitHub — LinkedIn — HackerRank
Ph: +919051132578 **DOB**: 15 June 1993 (25 yrs.)

Experience	**Associate Data Scientist**	*Jun '17 - present*
	Anheuser-Busch InBev, Bengaluru	

- Designed optimization models from scratch to find optimal pricing strategy, using parallelized non-linear optimization techniques in Python (TensorFlow) and R

- Built a tool in RShiny as a simulation dashboard for the pricing conjoint studies for different countries

- Used nested multinomial logit models and other mixed models to model market demand

- Built a recommendation system from scratch which combined the region-specific models into a country-wide model

Education	**Post Graduate Diploma in Software Development**	*Dec '17 - Nov '18*
	IIIT, Bangalore & UpGrad	
	Deep Learning Specialization	*May '18 - Jul '18*
	deeplearning.ai	
	M.S. in Quantitative Economics	*Jul '15 - Jun '17*
	Indian Statistical Institute, Kolkata	
	B.Sc. (Hons.) in Mathematics and Computer Science	*Aug '12 - Jul '15*
	Chennai Mathematical Institute, Chennai	
	School	*May '11*
	Bharatiya Vidya Bhavan, Kolkata	

- 94.17% in Senior School Certificate Examination (Central Board of Secondary Education), 2011 (12th standard)

- 93.5% in Secondary School Examination (Central Board of Secondary Education), 2009 (10th standard)

Technologies

- Python (TensorFlow, Keras etc.), R
- Compiled Languages: Java
- Web frameworks: Thymeleaf, Spring MVC, Hibernate ORM, PostgreSQL
- Environment: Linux, Windows, MacOS

Achievements	**2018**	Top performance in **OpenHack Machine Learning** by Microsoft. Also, winner of several AB-InBev internal hackathons focussing on Machine Learning.

2017 Awarded **Innovation Impact Award** from AB-InBev for developing Game Theory & Optimization capability in-house.

2016 Winner (second runner-up) of **Capital One Business Case Study Competition** in Analytics, among student teams of ISI.

2015 Selected for **ACM-ICPC** (Inter Collegiate Programming Contest) 2015 Asia Pacific Regionals.

2014 Selected for **Visiting Students' Research Programme (VSRP)** in School of Mathematics, Tata Institute of Fundamental Research (TIFR), Mumbai.

2012 Awarded the **Innovation in Science Pursuit for Inspired Research (INSPIRE) Scholarship** (by the Department of Science and Technology (DST), Govt. of India). (Rs. 80,000/- pa).

2011 Awarded certificate of merit for being among the top 0.1 percent of successful candidates of All India Senior School Certificate Examination 2011 in Mathematics.
Awarded S. Roy Memorial Award for securing the highest score in Physics and Mathematics aggregate in All India Senior School Certificate Examination 2011. (Standard 12)

2009 Awarded a certificate of commendation for having secured the highest marks in Mathematics among the students of Bhavan's Schools at the All India Secondary School Examination of March 2009.
Awarded a certificate of merit for distinctive performance for securing an **international rank of 128** in the 2nd **International Mathematics Olympiad** by Science Olympiad Foundation. (Standard 10)

2007 Awarded a school topper medal for distinctive performance (with an **All India Rank of 38**) at the 7th **National Cyber Olympiad**. (Standard 9)
Awarded a school topper medal for distinctive performance (with an **All India Rank of 55 and State Rank of 2**) at the 10th **National Science Olympiad**. (Standard 9)

2006 Awarded a school topper medal for distinctive performance (with an **All India Rank of 3 and State Rank 1**) at the 9th **National Science Olympiad** with 99.99 percentile. (Standard 8)

Languages
- English (IELTS Band 8.0)
- Bengali (native), Hindi