SINGAPORE AIRLINES
A STAR ALLIANCE MEMBER

Mr ARNAB GHOSH

Booking reference: 4C2C5P

Electronic ticket:	618-2409852602
Date of issue:	11 Apr 2015
Place of issue:	online booking
IATA number:	14395625

Dear Mr GHOSH

Thank you for using the Singapore Airlines Electronic Ticket service. This is your travel itinerary.
We appreciate your patronage and look forward to serving you again in the near future.
Sincerely,
Singapore Airlines

Flight Details

SQ503		Singapore Airlines	ECONOMY	
Departs:	Bengaluru (BLR)	Tue, 26 May 2015 23:05	Status:	CONFIRMED
Arrives:	Singapore (SIN)	Wed, 27 May 2015 06:10	Checked bags:	30KG
Not valid before:	Tue, 26 May 2015	Not valid after:	Tue, 26 May 2015	
SQ502		Singapore Airlines	ECONOMY	
Departs:	Singapore (SIN) Terminal 2	Sat, 30 May 2015 20:05	Status:	CONFIRMED
Arrives:	Bengaluru (BLR)	Sat, 30 May 2015 21:50	Checked bags:	30KG
Not valid before:	Sat, 30 May 2015	Not valid after:	Sat, 30 May 2015	

Payment details

Ticket fare:	INR	19,000.00
Airline Fuel and Insurance Surcharge	INR	12,828
Airline Fuel and Insurance Surcharge	INR	624
Service Tax on Premium class travel	INR	1,605
User Development Fee(Domestic/International)	INR	1,378
Passenger Service Fee (Domestic/International)	INR	147
Passenger Service and Security Charge	INR	914
Aviation Levy	INR	280
Passenger Security Service Charge	INR	368
Ticket amount:	INR	37,144

Form of payment:
Visa Card - XXXXXXXXXXXX8445

Restrictions:
VLD SQ/MI ONLY/ NON-ENDO/NON-REF

Arnab Ghosh

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EDUCATION

IIT KANPUR
BTech in Computer Science
Expected July 2016 | Kanpur, IN
Major CPI: 8.8 / 10.0

DAV PUBLIC SCHOOL
Grad. May 2012 | Jamshedpur, India
Board : CBSE
Performance: 92.8%

RAJENDRA VIDYALAYA
Grad. May 2010 | Jamshedpur, India
Board : ICSE
Performance: 95.4%

COURSEWORK

UNDERGRADUATE
Approximation Algorithms *
Compilers *
Databases *
Machine Learning IITK & *Coursera*
Cognitive Science
Probability And Statistics
Data Structures And Algorithms
Operating Systems
Theory Of Computation
Computer Organization
Discrete Mathematics
Introduction to Logic
Abstract Algebra
Unix Tools and Scripting
Real Analysis
Complex Analysis
Linear Algebra
Introduction to Electronics
[a]

SKILLS

SYSTEMS
•Working with SPEC benchmarks
•Intel Architecture Specific Experimentation

PROGRAMMING
Over 5000 lines:
Java • Shell • JavaScript • Octave • Perl • LaTeX • Android •C • C++ • CSS • PHP
Familiar:
Google Map API• MySQL • Python • Assembly • Bluespec Verilog • GNUPlot • Beamer

[a] * indicates ongoing course

EXPERIENCE

CARNEGIE MELLON UNIVERSITY | Summer Undergraduate Research Intern advised by Prof. Onur Mutlu
May 2014 – July 2014 | Pittsburgh, PA

- Helped in coming up with a model for estimating slowdown of a particular app when running alongside Co-Running threads using the Cache Access Rate Alone and when run Alongside other threads .
- The study further aimed at proposing a mechanism for cache allocation and bandwidth allocation to ensure Quality of Service (QoS)
- Wrote Synthetic Benchmarks which targeted a definite Memory Access Pattern which would cause interference to the Applications from the SPEC Benchmark Suites which reduced the mean Speedup to 50 % of the original .
- Wrote Another Series of Synthetic Benchmarks which would generate access patterns in a way that it tries to fit in the cache and cause the interfering application cache contention.

TATA STEEL | Summer Intern : Android Developer
May 2013 – July 2013 |Jamshedpur , IN

- Developed an Android App for managing own expenses and to monitor the expenses provided for friends while on a trip.
- Designed and completed the Back-End and the Front-end and published it on Google Play. **Link :** https://play.google.com/store/apps/details?id=com.arnab.meandmyfriendsexpense

RESEARCH & PROJECTS

BRAIN AND MANIFOLD GROUP | UG Research
Present | Kanpur, IN
Worked with **Prof Amitabh Mukherjee** to efficiently predict epileptic seizures from the EEG data of an epileptic person collected roughly an hour ago . The dataset that was used was of the American Epileptic Society.
We used a decision-tree based model and another model based on Support Vector Machines using a Gaussian Kernel.

COMPUTING LABORATORY |Course Recommender, Auto Grader
IIT Kanpur, IN

- Coded up a course recommender system based on the Collaborative Filtering Algorithm .
- Coded up an automatic grading system to help professors identify clusers in case of relative grading and also better visualise the distribution.

ACHIEVEMENTS

2014 Selected for the ACM ICPC Regionals IIT Kharagpur
2014 Selected for Summer Research Internship , Carnegie Mellon University
2014 National Finalists , Tata Crucible Campus Quiz ,Mumbai
2014 North Zonal Champions , Tata Crucible Campus Quiz ,New Delhi
2014 Academic Excellence Award , IIT Kanpur
2013 Qualifier , ACM ICPC Regionals IIT Kharagpur
2013 2nd Runner Up , Yahoo Hacku IIT Kanpur
2012 All India Rank 267 , IIT JEE
2011 Limca Book Of Records Quiz Champion , Jamshedpur
2009 Runner Up , TCS IT WIZ , Bhubaneshwar