Subhankar Ghosh

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Education

New York University

New York, USA   Sep 2013-Present

B.A., Computer Science and Economics; G.P.A.: 3.98/4.0
- Coursework: Linear Algebra, Theory of Probability, Discrete Math, Data Structures, Microeconomic Theory, Macroeconomic Theory, Case Study Methods, Sociological Theory, Computational Principles of Sentence Construction, Expository Writing, Stochastic Processes*, Algorithms*, Computer Systems Organization*, Real Analysis* (*Fall 2015)
- Honors: Dean's List, Presidential Honors Scholar [awarded based on academic ability and community service], Clelia Abele Scholarship for Math & Science

Alliance française

Bangalore, India   Feb 2013-June 2013

Intensive French Language Courses; Grade: 95-100%

Raffles Institution

Singapore, Singapore   Jan 2009-Dec 2012

Singapore-Cambridge GCE A-Level
- Subjects (Grade): Math (A), Physics (A), Chemistry (A), Economics (A), Knowledge and Inquiry (A)
- Honors: Agency for Science, Technology And Research (A*STAR) Scholar [1 of 4 students from India awarded full merit-based scholarship], A-Level Academic Excellence Award, A*STAR Young Researchers Program Award

Activities

Tech@NYU

New York, USA   Jan 2014-Present

Member
- Participate in weekly sessions to broaden programming and other technical skills
- Collaborate with other members on their coding projects and programming assignments

Stern Investment Analysis Group

New York, USA   Jan 2014-Present

Member
- Participate in weekly sessions to learn about value investing, building valuation models, understanding cashflow statements
- Vote on weekly stock pitches to determine direction of investment of student-run fund

NYU Model United Nations

New York, USA   Oct 2013-Oct 2014

Committee Vice-Chairman & Member
- Moderated debate as vice-chairman of a committee, and facilitated real time communication between 13 jointly-run committees
- Operated bespoke communications software and improvised a rudimentary system during server failure

Professional Experience

Capital Float

Bangalore, India   June 2015-Present

Decision Sciences Intern
- Created 2 credit products aimed at SMEs, including credit policies and tools for implementation, and risk and exposure analysis
- Implemented predictive modeling and social media analytics into credit underwriting process
- Designed and implemented tests to investigate feasibility of lending to specific sections of the SME sector in India to better meet demand for credit

New York University Learning Center

New York, USA   Jan 2015-Present

Learning Assistant
- Tutored university students for Math, CS, Econ, Sociology and Writing courses
- Designed lesson plans and learned to rapidly adapt teaching strategy based on individual needs
- Managed a heavier than average tutee load due to popularity of courses tutored; also led group review workshops

Agency for Science, Technology & Research

Singapore, Singapore   Nov 2011-Dec 2011

Data Storage Institute Research Intern
- Examined feasibility of confocal microscopy for structural imaging of 3-D metamaterials using femtosecond laser etched glass
- Worked alone and reported to a senior scientist; quickly familiarized myself with relevant literature and microscopy techniques
- Found strong potential for relevant 3-D imaging via confocal microscopy, and presented results to a panel of research scientists

Skills

Programming : Java [1 year], Python [1 year], C [currently learning]

Software : Mac OS, Linux [Basic command line tools], Apple iWork, MS Office, Adobe Photoshop, Lightroom

Language : English (Native), French (Working), Hindi (Working)

Other : Digital Photography, Film Photography