

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY (SMU)

BACHELOR OF BUSINESS MANAGEMENT
Expected May 2019 | Singapore
Double Major - Finance, Information Systems

NORTHEASTERN UNIVERSITY EXCHANGE SEMESTER

Aug - Dec 2019 | Boston, USA
Computer Science, Investments,
Mandarin

ST COLUMBA'S SCHOOL

Grad. May 2015 | New Delhi, India
Economics, Mathematics,
Accountancy

COURSEWORK

Algorithms and Data Structures
Computer Systems
Structured Financial Products
Financial Instruments and Institutions
Investments
Computing Tech for Finance
Object Oriented Application Development
Computer as an Analysis Tool

SKILLS

PROGRAMMING

Python • Java • Ruby • C
MATLAB • Javascript • \LaTeX
MySQL

LANGUAGES

English (Native) • Hindi (Native)
Mandarin (Basic)

FINANCIAL TERMINALS

Bloomberg • Eikon • CapitalIQ

CO-CURRICULAR

- Volunteer, Riding for the Disabled
- Percussionist, SMU Samba Masala
- Lead Vocalist, Indian Cultural Society
- Finance Director, SMU Golf
- Resident Senior, Prinsep Hostel

LINKS

Github:// [siddhantpyasi](#)
LinkedIn:// [siddhantpyasi](#)

HOBBIES

Golf • Playing the ukulele
Horse Riding • Military History

ACHIEVEMENTS

DR GOH KENG SWEE SCHOLARSHIP

One of the 3 recipients (from applicants of 15 countries) of the prestigious Dr Goh Keng Swee Scholarship - awarded by the Association of Banks in Singapore, following a rigorous 3 stage selection process conducted by the Singapore Public Service Commission. The scholarship pays for tuition, boarding and lodging for the duration of the degree

DEAN'S LIST, LEE KONG CHIAN SCHOOL OF BUSINESS (2015-16)

R. SINGH & R. KAUR SCHOLARSHIP

Awarded to the top 3 students in the Class XII Board Exams at St. Columba's School

WINNER, 14 QUIZ COMPETITIONS

Won 14 out of 17 national level quiz competitions in 2014-15

CONTESTANT, DELHI HORSE SHOW 2013

Participated in the Dressage and Hack events at the national level

RESEARCH EXPERIENCE

SCHOOL OF INFORMATION SYSTEMS, SMU | RESEARCH ASST.

Feb 2018 - Present | Singapore

- Built a tool in Python that uses supervised Machine Learning to solve a Natural Language Processing Problem - parse suggestions from student feedback comments
- Authored a paper titled "*SUFAT - Analytics Tool for Gaining Insights from Student Feedback Comments*", presented at the 48th IEEE Frontiers in Education conference at San Jose, USA

WORK EXPERIENCE

NOMURA | TECHNOLOGY SUMMER ANALYST

Jun - Aug 2018 | Singapore

- Full stack web dev for the FX trading tech team using Java, React, HTML5 and CSS to build dashboards for monitoring servers
- Conducted an audit of Nomura's IT risk-response procedures and delivered recommendations to improve their effectiveness
- Developed a model to forecast rates using time series methods

COMPETITORPRO | JUNIOR DEVELOPER

May - August 2017 | Atlanta, USA

- Created cloud-distributed data scrapers in Ruby to get data about cars; sold this to car dealers, creating an alternate revenue stream for the company
- Efficiently managed multiple Ubuntu virtual machines on Microsoft Azure and Amazon Web Services
- Managed data clean-up processes in Ruby and MS Excel

ACADEMIC PROJECTS

INVESTMENTS

Sept 2017 - December 2017 | Northeastern

Conducted in-depth fundamental research of US stocks to build a portfolio which returned **2.6%**, while benchmark S&P500 returned **negative 0.5%**

COMPUTER SYSTEMS

Sept 2017 - December 2017 | Northeastern

- Wrote an LLVM pass that did static analysis of C code
- Built a bare-bones shell in C that parsed input and ran commands
- Built a *first-fit* memory allocator in C

COMPUTING TECHNOLOGY FOR FINANCE

January 2017 - May 2017 | SMU

Built a GUI based option pricing tool in MATLAB that uses the Black-Scholes model