

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY (SMU)

BACHELOR OF BUSINESS MANAGEMENT
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

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

SKILLS

PROGRAMMING

Python • SQL • MATLAB • C
Ruby • Javascript • Java
L^AT_EX

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 guitar
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

R. SINGH & R. KAUR SCHOLARSHIP

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

WORK EXPERIENCE

PRICEWATERHOUSECOOPERS (PWC) | DEALS ASSOCIATE

Jul 2019 - Present | Singapore

- Conducted geospatial analysis for a healthcare major in Malaysia to determine possible expansion sites - developed a solution to obtain accurate lat-long for 8,000 addresses, and developed a solution to scrape the names of all 12,000 specialist doctors from the National Specialist Register of Malaysia
- Analysed transactional data of a petroleum company to analyse demand cycles and trends in customer footfall to determine accurate pricing
- Assisted in conducting Financial Due Diligence (FDD) on a real estate company in SE Asia, with over 35 different entities; assisted in another FDD on a semiconductor manufacturing company
- Conducted PwC Singapore's first ever Data Due Diligence of an e-payments company using transactional data; did hypothesis testing to look for suspicious transactions and payment patterns

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
- Developed a model to forecast rates using time series methods

AUTOMOTIVE VENTURES | JUNIOR DEVELOPER

May - August 2017 | Atlanta, USA

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

RESEARCH EXPERIENCE

SCHOOL OF INFORMATION SYSTEMS, SMU | RESEARCH ASST.

Feb - Sept 2018 | 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

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%**

COMPUTING TECHNOLOGY FOR FINANCE

January 2017 - May 2017 | SMU

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