SURYA RAVI KUMAR

An adaptive and enthusiastic student with an excellent work-ethic, a penchant for learning, and analytical skill. Interested in System Optimisation, Operations Management and Economics.

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EDUCATION

Bachelor of Engineering in Systems Design

Singapore University of Technology and Design
Focus: Economics and Operations Research
May 2013 - Present

The Economics of Financial Markets

Harvard University
January 2016

WORK EXPERIENCE

WW Test Engineering Intern

Apple Inc, Singapore
May - August 2014

- Developed an application to automate the calculation of Gage Reproducibility and Repeatability.
- Simplified process, speeding it up 48x.

Process Intern

Nippecraft Ltd, Singapore
May - August 2015

- Examined decision-making process flow in different departments to pinpoint inefficiencies.
- Streamlined process flows to eliminate inefficiencies.

LEADERSHIP

Senator

SUTD Student Association Council
January 2016 - Present

- Channeled information and feedback between students, faculty and administration.
- Organised events to improve cohesion among peers
- Involved in the decision making regarding issues affecting entire school population.

Student Initiatives Executive

2nd SUTD Student Government
January 2014 - January 2015

- Inspired and facilitated the setting up and running of more than 60 student run clubs.
- Participated in decision making process for funding allocation to clubs.

President

SUTD Soccer Club
January 2015 - January 2016

Treasurer

SUTD Basketball Club
December 2013 - December 2014

RESEARCH AND PROJECTS

HUAT Robo-Advisory | S U T D

January 2016 - Present

- Designed a goal based, automated, and algorithmic financial portfolio advisory.
- Developed user and financial interaction algorithms.
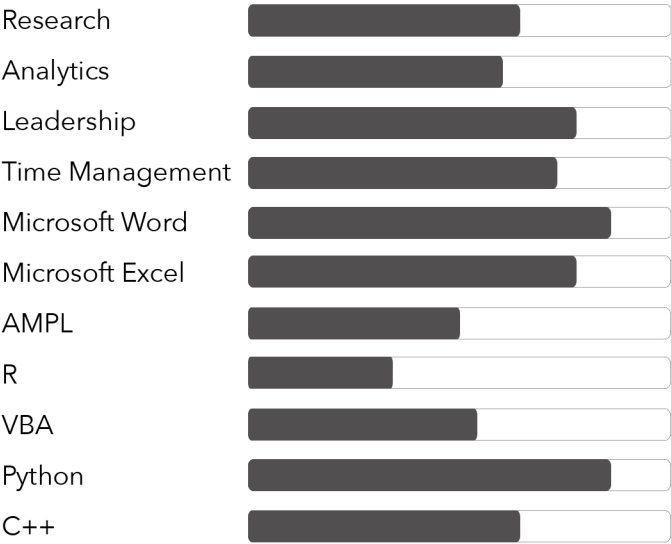
Musical Networking | S U T D

January - May 2015

- Visualised the relationship between musical chords using network theory, with Dutch startup, Chordify.

Game Theory and Economics | S U T D

October - December 2014

- Designed virtual economic experiments on z-Tree based on the principals of Game Theory.

Inventory Management | Penguin Books SG

January - May 2015

SKILLS AND COMPETENCIES

Research
Analytics
Leadership
Time Management
Microsoft Word
Microsoft Excel
AMPL
R
VBA
Python
C++

LANGUAGES

Full Proficiency

English | Hindi

Basic

German | French | Kannada

INTERESTS

Basketball | Soccer | Squash
Playing Guitar | Singing
Model United Nations | Film-making | Reading
Travelling