Brahmnoor S. Chawla

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EDUCATION

THE UNIVERSITY OF HONG KONG
B Eng in Computer Science
Expected May 2021 | Hong Kong
Year 2 - Faculty of Engineering
Cum. GPA: 4.19/4.3
Dean's Honor List

DELHI PUBLIC SCHOOL
CBSE Science Stream
Grad. May 2016 | New Delhi, India
Computer Science - 99/100
Mathematics - 98/100
Chemistry - 99/100
English - 96/100
Physics - 95/100
12th Std CBSE Board : 97.4 %
CGPA (10th Std) : 10/10

LINKS

LinkedIn:// **brahmnoor**
Twitter:// **@brahmnoorsingh**
Quora:// **Brahmnoor-Singh**

COURSEWORK

Year 2 (in progress):
• Data Structures and Algorithms
• Programming Technologies and Tools
• Computer Organisation
• Statistical Learning
Year 1:
• Discrete Mathematics
• Introduction to Computer Science
• Computer Programming
• Calculus & Differential Equations
• Everyday Computing and Internet
• Linear Algebra, Prob. & Statistics
• Physics for Engineering Students

SKILLS

PROGRAMMING
Over 1000 lines:
C • C++ • CSS • PHP • Javascript
Familiar:
iOS • Android • MySQL • Python

WORK EXPERIENCE

THE UNIVERSITY OF HONG KONG | Research Assistant and Teaching Assistant
Mar 2018 - Present | Hong Kong
- Currently working as a teaching assistant for the courses CCST9003 and COMP1117, helping students understand commonly-used algorithms, and implementing them in C++.
- Worked as a RA with Teli (Technology Enriched Learning Initiative) in HKU. Developed a speech detection web app using NodeJS, Express, SocketIO and Google Cloud Speech API.

SMALLMINDS.EXPERT | Machine Learning - Part Time Intern
Jan - Mar 2018 | Hong Kong
- Developed a machine learning application using TensorFlow for detecting cloths live during a fashion show via camera on Android. Worked with Unity, Python and TensorFlow to develop and implement this model.

PROJECT - WORDYO.GA | PHP and Javascript based web game
- Developed the game from scratch in PHP, CSS3, Javascript and HTML5.

EXTRA COURSEWORK

KAIST | Attended Summer School - Discrete Mathematics
July 2017 | Daejeon, South Korea
- Did Discrete Mathematics at KAIST (University ranked number 1 in South Korea), and acheived the first rank in the class getting an A+ in the course.
- Attended cultural workshops across the cities of Daejeon, Seoul and Busan during the visit.

LEADERSHIP DEVELOPMENT PROGRAM | 30 Day Program in the Philippines by Common Purpose
June 2018 | Manila, Philippines
- Attended over 2 weeks of leadership workshops by Common Purpose, and then did an internship in Solutions Using Renewable Energy (Sure Inc).

CHENNAI MATHEMATICAL INSTITUTE | Attended IOI training camp
March 2017 | Chennai, India
- The coursework included algorithmic training by the top Computer Science, and Mathematics professors from all over India, for 15 days.

AWARDS

Year	Level	Award
2017	University	HKU Foundation Entrance Scholarship
2017	International	International Olympiad in Informatics (IOI) Finalist
2016	National	KVPY Fellow for Research (Awarded to 0.01% students)
2015	National	Ranked 7th all over India in National Cyber Olympiad

SOCIETIES

Year	Level	Role
2018	University	Change the Code (Gender Inclusion Club) - Vice President
2017	University	Software Developer - TecHKU
2016	School	President of WarP (Computer Club)