



Brahmnoor S Chawla

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EDUCATION	Princeton University , New Jersey, USA <i>Semester Exchange</i> , Computer Science	Jan-June 2019
	The University of Hong Kong , Hong Kong <i>Bachelor of Engineering</i> , Computer Science Cumulative GPA: 4.19 / 4.3 Relevant Coursework: Discrete Mathematics, Functional Programming (Haskell), Data Structures & Algorithms, Calculus, Probability & Statistics, Full-stack Development (Node, Express, Javascript)	May 2021
EXPERIENCE	The University of Hong Kong , Hong Kong <i>Research Assistant at TELI</i>	Mar 2018 - Aug 2018 github.com / brahmnoor / text2speech
	<ul style="list-style-type: none">Developed a speech detection web app using Google Speech API based on NodeJS, Express & SocketIO. Worked with web AudioContext to provide audio recording compatibility across multiple browsers.Worked extensively as a research assistant on multiple projects, building reusable components from scratch to deployment, which are currently being used by over 28,000 students.	
	The University of Hong Kong , Hong Kong <i>Teaching Assistant</i>	Sept 2018 - Present
SELECTED ACHIEVEMENTS	<ul style="list-style-type: none">Working as a teaching assistant for the courses Everyday Computing & Internet and Computer Programming, helping over 150 students.Teaching theoretical Computer Science topics including Dynamic Programming, Graph Theory, Discrete Math and Advanced Data Structures.	
	SmallMinds.Expert , Hong Kong <i>Part-Time Machine Learning Intern</i>	Jan-Mar 2018
	<ul style="list-style-type: none">Developed an app using TensorFlow to detect cloths in videos. Worked with Python & Unity for the implementation of the model.Helped improve the accuracy of the model by over 10%, and improved user retention.	
LANGUAGES & TOOLS	<ul style="list-style-type: none">HKU Foundation Scholarship (186,000HKD/year) (Highest scholarship offered to undergraduate students)International Olympiad in Informatics Training Camp (Among top 25 Students in India)ACM-ICPC, Represented University of Hong Kong in China RegionalsKishore Vaigyanik Protsahan Yojana Research Scholarship (Given by Indian Government to just 0.01% of students)HKSAR Gov. Reaching Out Award, to visit Korea Advanced Institute of Science and Technology (KAIST) for one month & undertake courses in CS	
	C++, Java, Javascript, Haskell , Python, PHP, HTML/CSS, Git, NodeJS, Express, ReactJS, ReactNative	
SOCIETIES	Change the Code (Gender Inclusion club in STEM) Co-founder, Editor in Media Team, Vice-Captain Tennis Team	