

Suraj Bansal

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EDUCATION

Bayview Secondary School <i>International Baccalaureate Diploma, Ontario Secondary School Diploma</i>	<i>Sep. 2017 - Present</i> Grade 12 Average: 96%
<ul style="list-style-type: none">• Relevant Courses - Chemistry (HL), Economics (HL), English (HL), Biology (SL), Calculus (SL), French (SL), Theories of Knowledge (SL), Extended Essay (Computer Science): Quantum Cryptography and Encryption Systems• Activities and Societies - DECA and FBLA Trainer, Public Speaking Junior Executive, Student Council Grade Representative	

RESEARCH EXPERIENCE

Department of Medical Biophysics, University of Toronto, Summer Student Toronto, ON	<i>May. 2021 - Present</i>
<ul style="list-style-type: none">• Attended weekly seminars on interdisciplinary biological, medical, and cancer research	
The Dick Lab, Princess Margaret Cancer Centre, Student Researcher Toronto, ON	<i>Sep. 2020 - Present</i>
<ul style="list-style-type: none">• Applied single-cell transcriptome profiling to mapping variation in stem cell driven hierarchies to clinical outcomes and drug efficacy in Acute Myeloid Leukemia to identify potential therapeutic combinations	
The Grover Lab, St. Michael's Research Centre, Research Volunteer Toronto, ON	<i>Jun. 2019 - Aug. 2019</i>
<ul style="list-style-type: none">• Assisted with research on the transfer of endoscopic skills with an endoscopic simulation curriculum using EndoVR (CAE Healthcare) — a high-fidelity interventional virtual reality endoscopic simulator	

STARTUP VENTURES

Ryde AI, Project Lead and Co-Founder Toronto, ON	<i>Apr. 2020 - Present</i>
<ul style="list-style-type: none">• Self-driving software, leveraging Bluetooth to interface vehicle diagnostics with a smartphone application for under \$1,000• Zappos Venture Challenge Finalist, Sparkteen Accelerator Finalist, Stanford GATSVI Accelerator Finalist (fast-tracked)	
LidLess, Co-Founder Vancouver, BC	<i>Jul. 2019 - Aug. 2019</i>
<ul style="list-style-type: none">• Prototyped an environmentally friendly, tri-silicone coffee lid with mobile banking integration for Vancouver-based cafés	

CONSULTING PROJECTS

Kidogo, Project Consultant Nairobi, KE	<i>Feb. 2020 - Apr. 2020</i>
<ul style="list-style-type: none">• Created an innovation plan to increase mamapreneur profits by 43% and reduce childhood malnutrition with community sensitization workshops, sack farming pilot programs, and strategic partnership contracts with Aga Khan Museum	
Sidewalk Labs (Google), Quayside Project Consultant Toronto, ON	<i>Nov. 2019 - Feb. 2020</i>
<ul style="list-style-type: none">• Created an innovation plan to reduce household expenditures through a sharing economy digital infrastructure that monetizes personal assets (selected from 50 teams to present to C-suite at Sidewalk Labs headquarters)	

LEADERSHIP AND VOLUNTEERING EXPERIENCE

York Region District School Board Student Senate, Prime Minister York Region, ON	<i>Sep. 2018 - Present</i>
<ul style="list-style-type: none">• Secured \$35,000 in funding and sponsorships to launch YRDSB's largest mental health conference and monthly general assemblies attended by students from 33 secondary schools (increased event attendance from 20 to 1,300 across 3 years)	
Richmond Hill Mayor's Youth Action Committee, Director of Logistics Richmond Hill, ON	<i>Sep. 2016 - Present</i>
<ul style="list-style-type: none">• Coordinated 5 annual, city-wide events to promote community involvement and leadership, procuring 300 attendees	
TEDxYouth Toronto, Student Co-Chair Toronto, ON	<i>May. 2018 - Nov. 2019</i>
<ul style="list-style-type: none">• Sourced speakers (Olympic medalists, world performers, Shark Tank Investors, MasterChef Champions) and sponsorships (Western , RBC, Shopify, UofT), procuring \$15,000, and coordinated marketing strategies, procuring 1,000+ applications	

SELECT HONOURS AND AWARDS

Recipient (1 of 1), Ontario Public Schools' Association Jack A. MacDonald Award of Merit	2021
Recipient (1 of 1), Richmond Hill Volunteer Youth Achievement Award	2021
Recipient, McMaster University President's Award	2021
First Place, Sidewalk Labs Consulting Competition	2020
First Place, SHAD Cup, University of British Columbia	2019

SKILLS

Languages and Libraries: Python, JavaScript, R, HTML, CSS, Keras, Tensorflow, Pandas, Scikit-learn, NumPy, Scanpy