

Raymond Wang

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EDUCATION

- Harvard University** Cambridge, MA
B.A. Computer Science (Mind, Brain, Behavior Track) Major with Economics Minor, Concentration GPA: 3.86/4.00 May 2020
- Harvard Model Congress Europe Business Director. Coursework: US Economy; Marketing (HBS); Probability Statistics; Machine Learning; Multivar Calculus; Linear Algebra; Entrepreneurial Law; Managerial Accounting; Social Psychology
- St. George's School** Vancouver, BC
- Vice-Captain of the School, Top Academic, Business Club President, AP Economics Prize; ACT: 35 June 2016
 - Intel International Science and Engineering Fair (ISEF): Best In Fair Recipient from 1700+ Finalists in 75+ Nations

BUSINESS EXPERIENCE & LEADERSHIP ACTIVITIES

- Microsoft** Seattle, WA
Program Management and Software Engineering Rotational Intern May 2018 – Aug 2018
- Cross-functionally plan and develop external-facing enterprise data aggregation solutions in Cloud + AI Business Group
 - Drove institutional product knowledge recovery and new customer outreach amidst departmental reorganization
- Delta Air Lines** Atlanta, GA
APAC Strategy and Market Development Intern May 2017 – Aug 2017
- Manage projects in cross-communication with Sales, Revenue Management, Pricing, Network, & Alliance Operations teams to plan and execute regional sales and inflight product strategies driving Transpacific network profitability
 - Develop data-driven performance diagnoses and industry & macroeconomic analyses to improve the Asia-Pacific P&L
- Harvard College Consulting Group** Cambridge, MA
Analyst Feb 2017 – May 2017
- Research industry benchmarks for multinational corporation indirect goods and services centralization to optimize procurement strategy for \$3.5B+ IGS department of Fortune Global 500 aerospace & transportation company
 - Rigorously selected to most competitive pre-business organization at Harvard with acceptance rate under 10%
- Sustainable Youth Canada** Vancouver, BC (Telecommute)
Founder and President of the Board Feb 2014 – Present
- Oversee federally registered nonprofit with 500+ members spanning 8+ chapters of university and high school students, operating from coast to coast leading environmental and energy sustainability conferences & hands-on initiatives
 - Advise government sustainability policy; appointed to 2018 Federal Youth Summit on Climate Change planning board

TECHNICAL WORK EXPERIENCE

- Harvard University Center for Nanoscale Systems** Cambridge, MA
Microfluidics & Nanofabrication Researcher Jan 2017 – May 2017
- Design & Fabricate Microfluidic Devices in Cleanroom at Experimental Soft Condensed Matter Group of Weitz Lab
- Independent Engineering Research** Vancouver, BC
Self-Employed Dec 2010 – Aug 2017
- Delivered 6-Minute TED Talk on Aerospace Innovation garnering 1.6 Million Views: go.ted.com/CzMr
 - Commercialized invention curbing airborne pathogen transmission in aircraft cabins, US Patent
 - Leveraged Public Relations & Key Messaging skills through major media features with MSNBC, Washington Post, Wall Street Journal, FAST Company, Telegraph (UK), Independent (UK), ARTE (FR), Global (CA), CBC (CA), NHK (JP)
 - Manage Additional Projects in Renewable Energy, Biomechanics, Smart Fluids, CS, Embedded Systems, and Robotics
 - International Student Editorial Board Member of the NRC-Accredited Canadian Young Scientist Journal
- Stanford University | ContextU** Palo Alto & San Francisco, CA
Computational Linguistics Intern | Web Application Development Intern Jul 2014 – Aug 2014
- Developed intelligent Medical Literature Q&A system component at Center for the Study of Language and Information
 - Managed Natural Language Processing output conversion from English Resource Grammar (ERG) dependency parser into predication triples as inputs for Predication-Based Semantic Indexing using Java string manipulation techniques
 - Led WebApp project porting contextual relations knowledge base frontend to mobile using HTML/CSS & Node.js

SKILLS, PROFESSIONAL ACHIEVEMENTS & INTERESTS

CS Skills: SQL, R, Python, Java, C++, HTML/CSS, VB.NET, C#, Unity, MATLAB, Office w/Scripts, Tableau, Adobe CS
Engineering & Lab Skills: CAD/CFD, Nanofabrication, 3D Printing, CNC Milling, DNA Transfection, Neurocomputation
Languages: Fluent Mandarin, Intermediate French, and Intermediate Classical Latin
Accolades: Invited Guest of Canadian Prime Minister at State Dinner Celebrating Canada-US Relations (2016); Corporate Knights Top 30 Under 30 Sustainability Leader (2015); Canada's Top 20 Under 20 (2014); Minor Planet named in honor
Interests: Aerospace (Private Pilot), Rowing (Coxswain), Marching Band (Clarinet), SCUBA, Broadcast Radio, Technical Theatre (Lighting/Sound Design), Synthetic Biology, Travel Across Six Continents (speaking, business, cultural engagements)