# Sneha Sivakumar

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# EDUCATION

**Yale University,** New Haven, CTExpected Graduation 2024

*BS in Computer Science and Cognitive Science*

**Raffles Institution,** Singapore Graduation Year 2019

SINDA Excellence Award – Academic Performance in A-Level Examination

Singapore Sports Council Best Sports Girl (Squash) – Awarded 4 times: 2016, 2017, 2018, 2019

# WORK EXPERIENCE

**Drona Tech,** *Founder* Jun 2020 - Present

EdTech start-up to digitize the Indian classroom. A data-driven learning platform for every Indian school for productive teaching and personalized student learning.

* Analyzed and researched impact of gamification across industries and implemented it across our platform
* Secured 84k worth investment by reaching out and pitching to investors and accelerators (Yale Student Catalyst + Innovation funds)
* Executed a major growth strategy that broadened our target market from middle-tier schools to any school
* Project Management Role- Managed team meetings and workflows to deliver weekly objectives to the design, development and content curation teams

**The Thought Collective,** Singapore 2020

Columnist in Magazine, Broader Perspectives - wrote opinion pieces on current affairs, shown as model pieces for JC students across various schools and tuition centers

# Science Mentorship Programme, *Research Group leader,* Singapore 2015-2017

* Conducted research on Effect of Beeswax Ovarian Cancer in Drosophila Melanogaster, awarded bronze medal for the project in the national Youth Science Conference
* Conducted research on Biodegradable plastics and manufactured biodegradable shoe in-soles made out of bioplastics

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| **Singapore Sports Excellence Schola**r, *Ambassador,* Singapore  Student Sports Ambassador for Singapore Olympic Council | 2018-2019 |
| **PERSONAL PROJECTS** |  |
| * DRONA TECH: MVP to present a workflow prototype for investors and teacher demonstration. * CREDIT: Wrote a program in C language that prompts the user for a credit card number and then reports whether it is a valid American Express, Mastercard, or Visa card number * FILTER: Wrote a program which modifies pixels of original image, where a filter (grayscale, sepia, blur) is apparent in resultant image |  |

**SKILLS AND INTERESTS**

* Computer Skills: Python, C language, Data Structures, Algorithms, Functional Programming
* National Squash Player: Member of National Squash Team (2012 – Present), Quarterfinalist in World Juniors 2018, South East Asian Games 2-time Silver Medalist, Ranked amongst the Top 5 in Asian Junior Rankings
* Extracurriculars: Varsity Squash Team, Women and Gender Minorities in CS (Computer Science), Yale Entrepreneurial Society, Effective Altruism Club