

# VISHNU NITTOOR

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## EDUCATION

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### University of Toronto

2021-2025

Honours Bachelor of Science, incoming freshman

**Specialist** in Computer Science and **Major** in Mathematics

Expected graduation: 2025

### The International School Bangalore

2015-2021

International Baccalaureate Diploma, **Score: 44/45**

International General Certificate of Secondary Education, **8A\*, 1A**

## RESEARCH EXPERIENCE

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### Research Paper: "A Monte-Carlo analysis of competitive balance and reliability across tournament structures"

July 2020 - September 2020

*Sole Author*

Pursued targeted research with mentor Dr Tim Chartier of Davidson College. After five weeks of learning ranking methods, I used Monte-Carlo simulation, Elo+Colley methods, invented metrics, and produced a theoretical research paper that has a significant impact on Dr Chartier's other independently conducted work. Published at SIAM and presented @ MSAM

### Vita Group

August - October 2018

*Sales Consultant*

*Penrith, NSW*

- My responsibility was to provide a personalised service and advice to uncover customers' needs and provide them with solutions

### Telstra

January - July 2018

*Sales Consultant*

*Market St. Sydney*

- My responsibility is to share my knowledge about the products and services offered by Telstra.

### Tiffany and Co.

October 2017 - January 2018

*Sales Consultant*

*Bondi Junction, Bondi*

- My responsibility was to provide the Tiffany Blue experience to customers, assist customers in finding the styles that would suit them and resolve their queries in empathetic manner.

### Royal North Shore Hospital

2015-2016

*Assistant Nurse*

*St Leonards*

- My responsibility was to assist the nurses in attending the needs of the patients.

## TECHNICAL STRENGTHS

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<b>Wireframe</b>	Microsoft Powerpoint
<b>Creating a prototype</b>	Invision
<b>Visual Design</b>	Paint 3D, Adobe Photoshop, Canva
<b>Machine Learning</b>	Python with Numpy and Pandas
<b>Website (coded)</b>	HTML5 and CSS
<b>Data Visualisation</b>	Tableau
<b>Typesetting Document</b>	Latex
<b>Programming</b>	Java and Java Script, Python, HTML and CSS

## VOLUNTEERING ACTIVITIES

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<b>CoderDojo</b>	2018-Present
<i>Champion</i>	<i>Microsoft Store Sydney and Parramatta</i>

- I was responsible for mentoring young people with programming. I facilitate their learning activity by demonstrating the content to cover and assisting them in developing their own small projects or chosen activity. I am also for marketing and liaising with stakeholders who are interested in partnering with CoderDojo.

<b>Sydney University</b>	2013-2014
<i>Student Representative</i>	<i>Campberdown, NSW</i>

- I gathered information from students and communicate their views to the faculty members. I did this to improve the learning experience of current and future students.

<b>Aiesec Poland</b>	November 2013- February 2014
<i>Intern</i>	<i>Poznan, Poland</i>

- I taught English to Polish Kindergartens and assisted the organisation in promoting Global Host Family and diversity to Polish students.

## AWARDS AND RECOGNITIONS

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<b>Techfugees Hackathon (2018)</b>	Our team (Elevate) won Second Place.
<b>Sydney University</b>	Advertised Bursary (2018), NSW Health Grant (2017), Robert Maple Brown Award (2016)
<b>Macquarie University (2013)</b>	Overall Excellence in Science