# EDUCATION

**National University of Singapore (NUS) Aug 2020 – May 2024**

Bachelor of Science in Business Analytics (with Honors)

* Cumulative Average Points: 4.67/5.00 (First Class Honors)
* Recipient of Elaine Low Scholarship (AY2021 – 2022)

**Anderson Junior College (AJC)** **Jan 2016 – Dec 2017**

Singapore-Cambridge GCE A Levels, 5 Distinctions (88.75/90)

* College Day Award (2018), Outstanding Leadership Award (2017), EAGLES Award (2017),

Merit Bursary (2016/2017), Edusave Scholarship Award (2015/2016)

# TECHNICAL SKILLS

* **Programming Languages:** Python, Java, R
* **Software Engineering Skills:** Frontend (ReactJS, HTML, JavaScript, CSS, Tkinter), Backend (Django, MySQL)
* **Analytical Skills:** Python (Pandas, NumPy), Data Visualisation (Seaborn, Matplotlib, Tableau, Excel), R (dplyr, tidyr, ggplot2)
* **Statistical Tools:** MATLAB, Vensim

# WORK EXPERIENCE

**Vector & Sector Control Intern,** **National Environment AgencyFeb 2020 – Apr 2020**

* Executed a project to evaluate effectiveness of implementation of "Orchard No-smoking zone" after a year
* Corresponded with different professionals across departments for collection of information
* Analysed and executed data visualization such as pie chart from survey data for report and presentation to management team

# PROJECTS

**Member, RC4MarketPlace (Website)Dec 2021 - Present**

* Planned to create a website for RC4 residents to buy and sell items in RC4
* Assigned to use Node.js and Express to handle backend development

**Member, BT2102 E-commerce system Sep 2021 – Oct 2021**

* Developed an e-commerce system with filter and purchase functionalities
* Collaborated with team members and utilized Crow’s Foot Notation for entity relational modelling, Tkinter for frontend user interface and MySQL workbench for back-end

**Member, Mulgo (Music Information Bank Website) May 2021 – July 2021**

* Built a music platform where music lovers can access extensive information about songs
* Designed website graphics with Figma and converted it to HTML and CSS
* Handled interactive features of the website using ReactJS, including the search function
* Conducted comprehensive API Testing

**Member, BrainHack Code\_EXP (DSTA) June 2021**

* Collaborated in a team of 5 to build a phone app with React Native to promote mental well-beings
* Researched and pitched ideas for application-based solutions
* Developed slide deck for the submission of proposal

### EXTRA-CURRICULA EXPERIENCES

**Event Director, Residential College 4Aug 2021 – Present**

* Supervised and overlooked the planning and execution process of all events in Noctua house
* Allocated precise deadlines and timelines to events members

**Information Technology Committee Executive, Residential College Aug 2021 – Present**

* Contributed on IT projects, such as RC4Marketplace, to bring convenience to RC4 residents

**Head of Kar4oke Interest Group, Residential College 4Aug 2021 – Present**

* Directed and executed weekly session for residents

**Event Member, Residential College 4** **Aug 2020 – Aug 2021**

**Vice President, Anderson Junior College ChoirFeb 2016 - Jun 2017**

* Achieved a Certificate of Distinction in Singapore Youth Festival (SYF) and a 2nd in the Chamber Category for Asia Cantate Competition in Hong Kong

### ADDITIONAL INFORMATION

* **Languages:** Fluent in English and Chinese
* **Soft Skills:** Collaborative Leadership, Time Management, Interpersonal communication, Adaptability and Flexibility
* **Interests:** Singing, Gaming, Badminton