

# BEN JOSEPH MURPHY

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## EDUCATION

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**National University of Singapore**  
**Bachelor of Computing in Computer Science**

**Aug 2020 - May 2024**

- CAP: 5.0 / 5.0

**Nanyang Junior College**  
**GCE 'A' Level - Science Stream**

**Jan 2016 - Nov 2017**

- Graduated with 3 H2 Distinctions in Physics, Chemistry and Mathematics, as well as H1 Distinction in General Paper
- Rank Point: 86.25 / 90.00

## EXPERIENCE

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**Tutor, Self-employed, Singapore**

**Dec 2017 - Present**

- Started providing Secondary School English, Sciences and Humanities subjects from 2017
- Currently providing private computing tuition for both University courses and Pre-University Computer Science

**Software Engineer Intern, Singapore E-Business Pte. Ltd, Singapore**

**May 2021 - Jul 2021**

- Learnt to develop process flows for conceptualising implementation of payment services such as cross border payments
- Developed backend for direct debit authorization service, utilizing Spring Boot framework in Java to implement RESTful API, with Hibernate ORM to interact with MySql supporting database
- Played a key role in the development process, including testing and debugging, reviewing and approving code written by junior developer, providing guidance as needed

**Online Seller, Self-Employed, Singapore**

**Jul 2019 - Jan 2020**

- Ran small-scale E-commerce business selling niche imported consumer electronics
- Identified a lack of supply in local market regarding specific in-demand units of Nintendo Switch consoles
- Secured stock of these units through importing from suppliers based in the United States
- Marketed on Carousell and Lazada at 50% above market value of regular Nintendo Switch units
- Utilised technical skills to provide modification services and aftercare for customers
- Brought in revenue of about \$60,000 in 6 months

## SKILLS

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- Programming Languages: Java, Kotlin, Python, C, Javascript, Lua
- Software Development Frameworks: Spring Boot, Keras Deep Learning Framework

- Other technical skills: Microsoft Office Suite (Word, Powerpoint and Excel), 3D modelling in Fusion 360, 3D model slicing and printing
- Professionally Fluent in English, limited professional fluency in Mandarin

## **INTERESTS**

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- Programming and electronic projects, Exercising, Movies and TV Shows
- Enjoy undertaking technical projects involving learning and applying new skills, and utilising new forms of technology
- Built and maintained 3D printers since 2017, marketed 3D printing services online as a side hobby

## **AWARDS AND SCHOLARSHIP**

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- National Science Challenge 2014, Televised, Quarter Finalist