

# BEN JOSEPH MURPHY

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## EDUCATION

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**National University of Singapore** **Aug 2020 - May 2024**  
**Bachelor of Computing in Computer Science**

- CAP: 5.0 / 5.0
- Dean's List 2021/2022 Semester 1, School of Computing
- Dean's List 2021/2022 Semester 2, School of Computing

**Nanyang Junior College** **Jan 2016 - Nov 2017**  
**GCE 'A' Level - Science Stream**

- 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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**Software Engineer Intern, Shopee Pte. Ltd., Singapore** **May 2022 - Jul 2022**

- Frontend Engineer in the Paid-Ads team
- Developed features and pages in React for latest Paid-Ads projects
- Implemented bugfixes for existing projects
- Learnt to implement custom frontend project configurations using Webpack
- Conducted presentation on new frontend technologies to add to the team technology stack

**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

**Tutor, Self-employed, Singapore** **Dec 2017 - Present**

- Provided Secondary School English, Sciences and Humanities subjects from 2017-2020
- Currently providing private computing tuition for both University courses and Pre-University Computer Science

## SKILLS

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- Programming Languages: Java, Typescript, Javascript, Python, C
- Software Development Frameworks & Libraries: Spring Boot, Next.js, React, Vue.js
- Other technical skills: Webpack, Microsoft Office Suite (Word, Powerpoint and Excel), 3D modelling in Fusion 360, 3D model slicing and printing
- Professionally Fluent in English, limited 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