

BEN JOSEPH MURPHY

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EDUCATION

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

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

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

SKILLS

- Programming Languages: Java, Kotlin, Python, C, Javascript, Lua
- Software Development Frameworks & Libraries: Spring Boot, React
- 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

- 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

- Dean's List 2021/2022 Semester 1, National University of Singapore, School of Computing
- National Science Challenge 2014, Televised, Quarter Finalist