

Ben Joseph Murphy

✉ benmurphy99@gmail.com 📞 +65 91694957 🔗 benmurphy.github.io

EDUCATION

National University of Singapore

Aug 2020 - May 2024

Bachelor of Computing (Honors), Computer Science

- Cumulative Average Point (GPA): 4.95 / 5.0
- Dean's List 2021/2022 Semester 1, School of Computing
- Dean's List 2021/2022 Semester 2, School of Computing

WORK EXPERIENCE

Shopee Pte. Ltd.

May 2022 - Jul 2022

Software Engineer Intern

- Developed frontend application in React for latest major project in the Paid-Ads team.
- Implemented bugfixes over existing codebases in React and Vue.js.
- Learnt to implement custom frontend project configurations using Webpack.
- Presented new frontend technologies to the team to add to the tech stack, to enhance web performance.

Singapore E-Business Pte. Ltd.

May 2021 - Jul 2021

Software Engineer Intern

- Developed REST API backend with Spring Boot for a direct debit authorization service.
 - Used Hibernate object relational mapper to interface with MySQL database.
- Learnt to develop process flows to conceptualize the implementation of payment services such as cross-border payments.

Self-Employed

Dec 2017 - Present

Private Tutor, Part-time

- Provided private computing tuition for both University and Pre-University courses.
 - Taught fundamental computing concepts such as data-structures and algorithms.
 - Guided students to improve their programming abilities in languages like Python and Java.
- Provided private tuition secondary school English, Sciences and Humanities from 2017 - 2020

SKILLS

- **Programming Languages:** Python, Java, Typescript, JavaScript, C, PostgreSQL
- **Libraries, Frameworks and Runtimes:** React, Vue.js, Spring Boot, Next.js, PyTorch, Node.js
- **Software Development Tools:** Webpack, Yarn, Maven
- Fluent in English; Limited Fluency in Mandarin

INTERESTS

- Strongly passionate about all kinds of projects involving technology
 - Worked on personal projects involving Raspberry Pi, such as a Smart-Home system
 - Built and maintained 3d-printers since 2017; Marketed 3d printing services to supplement the hobby financially; Designed and printed objects using Autodesk Fusion 360.
- Films; Science-fiction books; TV shows; Exercise