

BRYAN NG

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EDUCATION

National University of Singapore

Aug 2021 - Present

Bachelor of Computing in Computer Science

Computer Science, Current Undergraduate (2021 - Present)

- Member of StartIT (2021 - 2022), NUS Taekwondo (2023 - Present)
- Completed coursework in programming methodology, data structures
- Completed and currently enrolled in coursework with focus areas in artificial intelligence/machine learning, software engineering, and cybersecurity

WORK EXPERIENCE

Millipede PTE LTD, SOFTWARE ENGINEERING INTERN

May 2023 - Nov 2023

- Defined and built modular components with react-native for Android/iOS applications and React.js for web applications.
- Designed and implemented RESTful APIs, while maintaining and optimizing the codebase to ensure optimal performance and responsiveness.
- Automated the dynamic generation of client reports by developing a robust system with customizable parameters. Initiative streamlined the reporting process, enhancing efficiency and providing clients with tailored, timely insights.

Eunoia PTE LTD, PRODUCT INTERN

Dec 2020 - Jul 2021

- Designed wireframes and conceptualized product features, including product workflows.
- Performed quality assurance on new features by developing test plans and regression testing.

PROJECTS

Study.io - Orbital 2022 Project by NUS School of Computing, Software Developer

May 2022 - Aug 2022

- Built an all-in-one productivity website for students, with MERN stack.
- Developed a telegram bot using Python to display student's schedule and send reminders of any upcoming exams.
- Attained highest level of achievement, Artemis.

SKILLS

- Programming Languages: C, JavaScript, Java, Python, Typescript, Bash
- Web Development: HTML, CSS, React.js, React Native, Node.js, Express.js, Heroku, Netlify, Git
- Databases: MongoDB, Firestore, Google Cloud Services
- Others: GDB, scikit-learn, pandas, numpy
- Proficient in Microsoft Office: Word, Powerpoint & Excel
- Effectively Bilingual in English & Mandarin

COMMUNITY SERVICE

- AWWA School: Engaged young children with special needs through educational activities such as reading and music lessons.

- Surya Home: Engaged with elderly through games and recreational activities.
- Ling Kwang Home: Played games with elderly as a game facilitator.

PERSONAL ACHIEVEMENTS

- Achieved Merit in Smartcademy's Intro to Web App Development Course (2020)
- Edusave Certificate of Academic Achievement (2016, 2017, 2018)
- CCC Education Merit Award (2017, 2018)
- Singapore Schools Sports Council Colours Award (2016)
- Edusave Awards for Achievement, Good Leadership and Service (2014)
- Edusave Good Progress Award (2011, 2012, 2013, 2014, 2016)