

Ong Sing Huat, Jonathan

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PROFILE

I am a final-year undergraduate at NUS pursuing a degree in Chemistry, specializing in Environment and Energy. I have had three years of laboratory experience and have also participated in a semester-long pedagogical research project. With a strong passion for learning, I seek new opportunities to enhance and develop research, laboratory, and interpersonal skills.

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

AUG 2018 – PRESENT

BACHELOR OF SCIENCE (HONOURS) IN CHEMISTRY (CANDIDATURE IN PROGRESS)

- Cumulative Average Point (5 semesters): 4.59/5.00
- Enrolled in the National University of Singapore College (NUS College)

PROJECTS

UNDERGRADUATE RESEARCH OPPORTUNITIES PROGRAMME IN SCIENCE

JUN 2020 – JUL 2021

UNDERGRADUATE RESEARCHER

- Programmed a Telegram Quiz Bot in Python for usage as a supplementary learning tool
- Designed and analyzed quantitative surveys on perceived benefits of online learning tools
- Published findings in The Journal of Chemical Education

NUS USP AMBASSADORS PROGRAMME

APR 2019 – MAR 2020

EXECUTIVE COMMITTEE OFFICER (LEAD, TRAINING)

- Directed the planning and execution of a training camp for new student ambassadors
- Co-led a 21-person team in the planning and execution of USP College's Digital Open Day 2020

THINK MENTORSHIP PROGRAMME

MAR 2019 – SEP 2019

VICE-DIRECTOR (LEAD, PUBLICITY)

- Designed and publicized recruitment posters for programme mentors
- Created lesson plans and conducted creative writing courses for upper secondary students

PROFESSIONAL EXPERIENCE

PHILIPS DOMESTIC APPLIANCES

JUL 2021 – DEC 2021

CHEMICAL DEVELOPMENT INTERN

- Designed and conducted ion exchange and sol-gel formulation experiments
- Collaborated with team members to evaluate odor refreshment literacy works

SINGAPORE ARMED FORCES

APR 2016 – APR 2018

ARMOURED VEHICLE MAINTENANCE SPECIALIST

- Recipient of the Silver Bayonet for the 53rd Maintenance Specialist Cadet Course
- Guided a section of 10 troopers as Section 2I/C in an outfield training exercise

MINISTRY OF EDUCATION

JAN 2016 – MAR 2016

TEACHING INTERNSHIP PROGRAMME

- Taught Chemistry and Physics at the Express and Normal (Academic) streams

SKILLS

- Technical: **Microsoft Office** | Word, PowerPoint, Excel
Statistical Analysis | Minitab, Design-Expert
- Languages: **English** | Fluent
Mandarin | Proficient
- **Programming** | Python, HTML
- **Japanese** | Intermediate
- **Malay** | Basic