

Jonathan Ng

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BComp in Information Security
May 2021 | Singapore, SG
CAP: 4.03 / 5.0

ANGLO-CHINESE SCHOOL (INDEPENDENT)

Grad. Nov 2019 | Singapore, SG

LINKS

Github:// [derpylops](#)
LinkedIn:// [Jonathan Ng](#)

COURSEWORK

UNDERGRADUATE

Penetration Testing + Practicum
Systems & Web Security + Practicum
Computer Networks + Practicum
Programming Methodology
(Teaching Asst Mentor)
Unix Tools and Scripting

SKILLS

PROGRAMMING

Experienced:
Python • JavaScript • C++ • C
Familiar:
Java • Shell • HTML & CSS

TOOLS & FRAMEWORKS

Android Developer Studio • Jest
AsciiDoc • React • Redux

PROFESSIONAL EXPERIENCE

HYDRAX | SOFTWARE ENGINEERING INTERN

Apr 2019 – Aug 2019 | Singapore, SG

- HydraX is a startup whose primary product is Sigma, a multi-venue trading platform for multiple asset classes.
- Wrote and deployed several adapters connecting APIs of trading venues with logic component for Sigma, used by 1000 unique users.
- Built and deployed API documentation from scratch with *AsciiDoc*.
- Back-End developer - Wrote, reviewed and tested code with ReactJS, Jest.

ACCENTURE | TECHNOLOGY INTERN

Aug 2018 – Apr 2018 | Singapore, SG

- Wrote scripts to automate work processes with SAP systems in VBA.
- Wrote and quality checked of user guides for the final stage of UAT of project.

EXTRACURRICULARS

EFFECTIVE ALTRUISM | NUS CHAPTER LEAD

Aug 2018 – Present | Singapore, SG

- Effective Altruism is a global movement that asks how humanity can use its resources to help others the most.
- Conducted Publicity and stage managed for EAGx, a local conference exploring EA topics, including *voluntourism*, global poverty, and existential risk. Event attracted 200 participants.
- Organized book club readings and discussion groups for EA-aligned topics.

COLLEGE OF ALICE AND PETER TAN (CAPT) | RESIDENT

Aug 2018 – Present | Singapore, SG

- Conducted research on, and executed, workshops relevant to student interests (Web Development, Python, etc).
- Developed applications for College use, including a QR code registration system, QR-code inventory management system, and room allocation software.