TRISTON PANG ERH SYEN

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE   Aug 2017 - Aug 2021
Bachelor of Computing (Computer Science)
- Expected Grade: Highest Distinction (First Class Honours)

COLLEGE OF ALICE & PETER TAN   Aug 2017 - Aug 2019
University Town College Programme
- *College dedicated to active citizenship and community engagement*
- Youth Expedition Project – Smile Village 2018 (Phnom Penh, Cambodia)
  - Developed digital literacy academic curriculum for the villagers

EXPERIENCE

Steady   Sep 2018 – Present
Lead Developer

- *Steady is a lifestyle marketplace mobile application catered to the hearing impaired*
- Works on developing Steady application – idea first conceived during Social Innovation Fest 2018, currently under development

NebulasTree   Dec 2018 – Jan 2019
Intern (Software Development)
- Developed One-Time Password (OTP) mobile authenticator application for iOS platforms
- Worked on client-side aspect of OTP system, as well as OTP generation algorithm (SHA512 encryption)

National University of Singapore   Jan 2018 – May 2018
Teaching Assistant (CS2030 – Programming Methodology II)
- Conducted lab sessions and prepared teaching materials
- Organised consultations with students on a weekly basis

Teaching Assistant (CS2103T – Software Engineering)   Jan 2019 – Present
- Conducted tutorial sessions and was in charge of two student teams
- Monitored both teams project progress and graded project updates

EXTRACURRICULAR ACTIVITIES

NUS College of Alice & Peter Tan – CAPTs_Lock   Dec 2017 – Present
Founder

- *CAPTs_Lock is a college-wide interest group that seeks to educate and empower with technology and programming.*
- Planned curriculum for and conducted Python programming methodology workshops
- Developed software for the College to aid with room allocation of incoming students
- Worked on portable electronic registration system that keeps track of attendance via QR code scanning, now adopted by the College for all events requiring registration

NUS Orbital   May 2018 – Aug 2018
Participant

- Worked on mobile application InTheLoop – a student event planning and management system

College of Alice & Peter Tan – College Students' Committee   May 2018 – Present
Director of Publicity
- Oversees dynamics of student life and the corporate image of the College
- Oversees internal and external publicity materials and campaigns
- Manages committee of 22 student leaders and oversees their personal development

SKILLS, ACTIVITIES AND INTERESTS

Programming languages: Java, Python, C
Languages: English and Mandarin
Awards: National Youth Achievement Award Silver, RSAF Serviceman of the Month
Interests: App Development, Photography/Videography