Ng Han Yit, Ryan

Global Distinguished Scholar
Undergraduate at the Singapore University
of Technology and Design

PROFILE

Hi! I am Ryan, a second-year student at the Singapore University of Technology and Design (SUTD) pursuing Computer Science and Design. I am an individual passionate about computing and robotics, aiming to solve problems through innovation and design. Currently seeking internship opportunities, I hope to positively impact society through human-centric solutions.

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- https://tinyurl.com/NgHanYitRyanPortfolio
- https://github.com/DarthPenguinz

EDUCATION

School of Science and Technology, Singapore (SST)

GCSE 'O' Levels (2013 - 2016)
6 Distinctions, L1R5 of 6

Nanyang Junior College (NYJC)

GCSE 'A' Levels (2017 - 2018)
5 Distinctions, Rank Points of 88.75/90

Singapore University of Technology and Design (SUTD)

Bachelor of Engineering (Computer Science and Design) Specialising in IOT and Intelligent Systems with a Minor in Engineering Product (2021 - 2025)

TU Berlin Summer University

Start-Up Crash Course / Leadership, Innovation & Entrepreneurship (2022 - 2022)

WORK EXPERIENCE

Temp Telemarketer
Korea Trade-Investment Promotion Agency (Nov 2020)
- Telemarketing for K-Service Digital 2020 Event
- Assist with Excel Database porting

Research Intern
Lee Kuan Yew Centre for Innovative Cities (Feb 2021)
- Surveyed and collected data for research on Ageing and Mobility in Singapore.
- Data preprocessing with Numpy and Matplotlib
- Projected walking paths using Python and Geopandas
- Analysed data to understand behaviour and patterns

Quality Assurance Engineer
DBS Bank Limited (May 2021 - Nov 2021)
- Device test cases from given UI/UX requirements
- Conducting of test cases to ensure functionality
- Identification of bugs and timely reporting of them
- Manage Testing Environments for SIT and UAT stages
- Collaborate with programmers and team members

SKILLS

- Leadership and Teamwork
- Programming (Java, Python, HTML, JS, C++)
- Google Firebase (C++, Java)
- CAD (Sketchup, Rhino, Shapr3D, Blender)
- 3D Printing (FDM)
- Problem Solving
- Data Visualisation (Seaborn, Excel, GeoPandas)
- User Acceptence Testing
- Entrepreneurship
- Android App Development (Android Studio)
- Effective Communication
- Microsoft (Word, Excel, Powerpoint)

ACCOMPLISHMENTS

Robotics Club (SST)

- Vice President   2013 –2014
- 1st Placing and Design Award in Singapore Vex Robotics Competition   2015
- 2nd Placing in Singapore Vex Robotics Competition   2016
- EAGLES Award (Leadership)   2015 – 2016

Judo Club (NYJC)

- Captain   2017 – 2018
- SSSC Colours Award   2018
- EAGLES Award (Leadership)   2018

OBS Leadership and Service Award

- 21-Day OBS Classic Challenge Course   2017
- Organised Family Bonding Day in Collaboration with Youth Corps for Rainbow Centre   2018
  - Margeret Drive School for students

Judo Club (SUTD)

- President/ Trainer   2022
- Silver in Judo Inter Tertiary Competition (-73 M)   2022