Samuel Wong

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EDUCATION

NANYANG TECH UNIVERSITY
MSc in Technology Management
Jan 2022 - Dec 2022 | Singapore

NANYANG TECH UNIVERSITY
BEngSc in Computer Science
Aug 2018 - Dec 2022 | Singapore
College of Engineering
Honours with Highest Distinction
Cum. GPA: 4.78 / 5.0

HWA CHONG INSTITUTION
Grad. Nov 2015 | Singapore
UAS: 90.00 / 90.00

COURSEWORK

UNDERGRADUATE
Computer Science
Data Structures
Operating Systems
Algorithms
Object-Oriented Programming
Software Engineering
Databases
Artificial Intelligence
Parallel Computing
Big Data Technologies
Business
Financial Management
Accounting
Marketing
Fundamentals of Management

SKILLS

PROGRAMMING
Proficient:
Python • Javascript
Familiar:
C • C++ • CSS • Java • Dart • Shell

FRAMEWORKS
Proficient:
TensorFlow • Keras • Django • Node.js
Express.js • Flask
Familiar:
Flutter • React • Bootstrap • PyTorch

EXPERIENCE

JANIO ASIA | Software Engineer Intern
Sep 2020 - Present | Singapore

TAIGER | Artificial Intelligence Engineer Intern
May 2020 – Aug 2020 | Singapore
- Summation Programme Apprentice by SGInnovate to increase exposure to Deep Tech Companies.
- Implemented an unsupervised question generation model pipeline using machine translation for natural questions.
- Wrote RESTful APIs using Flask for key phrase extraction as part of the pipeline.

DSO NATIONAL LABORATORIES | Machine Learning Intern
May 2019 - Jul 2019 | Singapore
- Worked on state-of-the-art natural language processing model (BERT) for Mandarin text Sentiment Analysis.
- Implemented deep learning model in both TensorFlow and PyTorch frameworks.

SINGAPORE ARMED FORCES | Lieutenant, Instructor
Apr 2016 - Feb 2018 | Singapore
- Trained 2 batches of approximately 60 artillery officer cadets for 6 months each.
- Led 20 cadets in two battalion-minus level exercises overseas, responsible for accomplishing mission objectives.
- Spearheaded initiative to redesign curriculum and lesson plans by integrating smart classrooms and technology.

CO-CURRICULAR & VOLUNTARY ACTIVITIES

VICTORY FAMILY CENTER | Main Youth Area Leader
Jun 2012 – Present | Singapore
- Mentor and Counsel to over 60 youths aged 12-22 that are from different background.
- Key personnel in running a weekly service for approximately 160 youths.
- Plans and executes large scale events for about 500 - 800 attendees, leading departments in publicity and programs.

RENAISSANCE ENGINEERING CLUB | Financial Controller
Aug 2019 – Aug 2020 | Singapore
Manages accounts, balance sheet and tracks all expenditure for events and activities of the club.

ELEVATE CONFERENCE | Communications Director
Jun 2018 – Dec 2018 | Singapore
- Took charge over 4 departments (Publicity, Registration, International Hospitality and Merchandise)
- Saw 800 registered delegates and coordinated transportation and accommodation for over 150 international delegates.

AWARDS

| 2019 | 1st/53 | RE1017 Keppel Book Prize |
| 2018 | National | Renaissance Engineering Programme Scholarship |