

JERALD YIK JIA LER

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EDUCATION

University of California, Berkeley

Aug 2019 – Present

- Bachelor of Computer Science. Concurrent with REP during the 3rd year of studies

Nanyang Technological University (NTU), Singapore

Aug 2017 – Present

- B.Eng (with Hons) for Renaissance Engineering Programme (REP) specialising in Computer Science (GPA 4.84/5, 1st Class)
- MSc in Technology Management

Zagreb School of Economics & Management (ZSEM), Zagreb, Croatia

May 2018 – Jun 2018

- Attained Distinction for Applied Creativity & Innovation, Croatian Studies

Victoria Junior College, Singapore

Jan 2013 – Dec 2014

- Graduated with UAS of 87.5/90, with a Distinction in H3 Physics

SKILLS

- **Programming:** Python, Javascript, React, Redux, Go-Lang, SQL, Java, Android Studio, Algorithmn (Grade: A)
- **Soft skills:** Presentation skills, Confident, Good team player, Leadership, Accepting of people from racially-diverse backgrounds

PROJECTS

CodeIT Credit Suisse, Singapore

Sep 2018

- Successfully passed the intensive preliminary test among thousands of applicants
- Requires participant to be proficient in JSON & PaAS, as well as be quick on efficient algorithm construction
- Spent the full 27 hours of non-stop rigorous coding to clear challenges

Data Science Society, University of California, Berkeley

Sep 2019 - Present

- Brainstorm creative ideas to construct critical analysis with hundreds of datasets
- Delivering a presentation at Research Symposium with a 1000-strong audience

AWARDS AND ACHIEVEMENTS

Yitu Hack-Ai-Thon, Singapore – Finalist (5/100+ teams)

Feb 2019

- Worked with a team of 3 to improve performance of image detection model
- Underwent rigorous quick-searching & trial-and-tested methods to push the limit of base model, given limited computational resources

Renaissance Engineering Programme Scholarship

Aug 2017

- Prestigious scholarship awarded to the cream of the crop in the cohort

WORK EXPERIENCE

Rushowl Pte Ltd, Singapore – Data Analyst

Jun 2019 – Aug 2019

- Established data collection & analysis infrastructure using InfluxDB, Chronograf, OSRM API, Go-Lang
- Established data visualisation platform using React for clients
- Configured commercially-viable GSM/GPS module using Raspberry Pi from scratch

Singapore Armed Forces, Singapore - Motor Transport Officer

Jan 2016 – Dec 2016

- Responsible for the planning of job scopes and well-being of 100-odd men
- Responsible for 400-odd large military vehicles, making sure that they are well-serviced and well-prepared for usage in missions.

CO-CURRICULAR ACTIVITIES & OTHER ACTIVITIES

Outdoor Adventure Club (ODAC) – Subcommittee Member

Sep 2017 - Present

- Tasked to organise the annual 32km, 4D3N overseas kayaking expedition in Pulau Pangkor, Malaysia, turnout of 44 participants.
- Engaged in 3-hours of rigorous planning per week for 10 months.

Soul Funky (Dance → Pop & Lock) Club – Member

Sep 2017 - Present

- 2018 & 2019 Annual Joint Dance Concert (JDC) – Participant. Trained 16 hours per week for 11 weeks; turnout exceed 1700
- Participated in competitions. Guided junior dancers into the dance battle scene, nurturing them into more confident and proficient dancers.

REP Freshman Orientation Camp – Orientation Group Leader

May 2018 – Sep 2018

- Optimised simultaneous information dissemination & collection required for smooth event flow

LANGUAGES

- English (Spoken/Written) & Mandarin (Spoken/Written). German A1 (Grade: A+)

HOBBIES AND INTERESTS

- Coding, hiking, reading, exercising, dancing, Physics (Achieved Distinction for H3 Physics in JC) & Mathematics, Taekwondo (Black Belt)