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CAREER OBJECTIVE

My aim is to develop a career in technology management. My specific areas of interest are in intelligent systems and data analytics. My long term career goals include managing my own tech-related company/team on something that I am passionate about.

EDUCATION

Nanyang Technological University (NTU) - Singapore   **Aug 2014 - Present**

- Bachelor of Engineering Science (Computer Science) & Master of Science in Technology Management, Renaissance Engineering Programme (REP)
- Current CGPA: 4.91/5.0 (after Year 3), expected to graduate in Dec 2018

Northwestern University (NU) - Illinois, USA   **Sep 2016 - Jul 2017**

- 3rd year overseas exchange programme part of REP
- Segal Design Certificate (applying design thinking in team-based, cross-disciplinary settings)

TECHNICAL SKILLS

Programming Languages (in order of proficiency): Python, C/C++, HTML/CSS, Java, Javascript, C#

Software: Amazon Web Services (AWS), Unity3d, Arduino, Matlab, Solidworks, iMovie, Adobe Photoshop/InDesign

PROJECTS/AWARDS

NTU, Interdisciplinary Capstone Project   **Aug 2017 - Present**

- Team of 3 - lead programmer in designing and developing an AR-integrated teaching assistant that aims to improve the efficiency of workforce training

NU, Assists (Interdisciplinary Design Project)   **Jan 2017 - Jun 2017**

- Team of 5 - designed and developed an automated soccer passing training system for NU's men's soccer varsity team, using Arduino

NU, Trashifai, Best Social Hack & Top 10 teams   **Nov 2016**

- Team of 4 - lead programmer in developing a smart waste bin that sorts between trash and recyclables at NU's annual 36-hour college hackathon, using Arduino and Python

NTU, Sumobot, Inspector Gadget Award   **Mar 2016**

- Team of 5 - built an autonomous car robot for sumo-car competition using Arduino
- Awarded for best use of peripherals

PROFESSIONAL EXPERIENCE

PrydeVR - Illinois, USA   **Dec 2016 - Aug 2017**

CoFounder and Founding Engineer of startup from entrepreneurship project in NU
- Designed and implemented AWS + Unity3d backend infrastructure
- Conducted initial business development for startup

Cisco openBerlin - Berlin, Germany   **Jun 2016 - Sep 2016**

Overseas summer internship
- Researched on and applied microservices architecture on Docker and Mantl platforms

Ministry of Education - Singapore   **Mar 2014 - May 2014**

Relief Allied Educator at St. Andrew's Secondary School
- Conducted Mathematics lessons for lower secondary students

Singapore Police Force (National Service) - Singapore   **May 2012 - Mar 2014**

Neighbourhood Centre Police Officer (Punggol NPC), Sergeant
- Conducted frontline policing that involved patrolling, crime scene management and plain clothes duty

CO-CURRICULAR ACTIVITIES

NTU, Makers' Lab REP, President   **Jun 2017 - Present**

- Led planning and running of engineering bootcamp for incoming batch of 60 freshmen
- Leading a team of passionate makers in conducting workshops and events for the school (topics include Arduino programming, prototyping skills and design thinking)

NTU, REP Freshmen Orientation Camp, Chief Group Leader   **Dec 2014 - Jul 2015**

- Participated in the main organization of the camp
- Led fellow group leaders in welcoming the incoming batch of 50 freshmen through a 4 day camp

NTU, REClub, Welfare Sub Committee   **Aug 2014 - May 2015**

- Manage the welfare of the students in the course while being the bridge between the students and staff office
- Planned and executed yearly events such as sports day

HOBBIES & INTERESTES

- Soccer, Dance, Cycling, Kayaking, Hiking, Camping, Video Games, DIY projects