DESMOND SER

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EDUCATION

Nanyang Technological University
Aug 2014 - Jun 2018

School of Electrical and Electronics Engineering

Bachelor of Engineering (Information Engineering & Media)
- Second Class Honours

National Chiao Tung University
Aug 2016 - Dec 2016

Overseas Exchange Programme

Electronics Engineering and Computer Science
- Second Runners Up for MeiChu Hackathon 2016

WORK EXPERIENCE

Synechron
Aug 2018 - Present

Digital Designer

User Interface and Experience Design
- Designed and developed 3 enterprise solutions for multinational clients
- Conducted user research and usability testing
- Proficient in designing and prototyping mobile-responsive designs
- Participated in global digital hackathon for Wealth Management

Carlsberg Singapore Pte Ltd
Jun - Aug 2017

Intern

Human Resource and Corporate Communication
- Responsible for internal communications and assisted in revamping the corporate website
- Designed and produced the Employee Handbook
- Facilitated recruitment interviews for shortlisted candidates

ZLearnED
Jan - May 2016

Instructor

Robotics Programming
- Educates primary school students on basic programming and robotics using Scratch by MIT
- Responsible for class administration and lesson plan for a class of 30

Singapore American School
Jun - Jul 2015

Technical Support Staff

IT Support
- In charge of technical support during the school summer break
- Responsible for maintenance and management of various devices and multimedia systems

Amway Singapore
Jan - Jun 2014

Admin

Sales and Marketing
- Responsible for sales report and customer engagement
- Planned monthly sales promotions and produced promotional materials

Singapore Armed Forces
Sep 2012 - Nov 2013

Company Quartermaster Sergeant

Combat Engineers (Explosive Ordnance Disposal)
- In charge of all specialised stores and accounts within the unit
- Supervised operation and maintenance of specialised (counter-terrorism) equipment
- Utilised the Enterprise System on the Intranet to carry out system transfer of stores between units
- Worked closely with end-user, maintenance branch and ST Logistics

INTERNSHIP

Fox Networks Group
Jan 2017 - May 2017

Software Engineering Intern

Digital Media
- Developed 2 new features for Fox Sports Asia digital platforms
- Executed projects across platforms (iOS, Android and web)
- Facilitated stand up meetings as member of the Scrum team for AGILE software development

ACADEMIC PROJECTS

Nanyang Technological University
Jun 2017 - May 2018

Final Year Project

Human Detection and Tracking
- Developed a face recognition and audio enhancement system for the Singapore Police Force for development in security technology
- Programmed using Python and OpenCV for facial features detection

National Chiao Tung University
Aug 2016 - Dec 2016

Design and Innovation Project

Assistive Technologies / Autonomous Vehicle
- Engineered a social product to help the elderlies and disabled
- Designed useful features to assist them in their daily routines
- Programmed the product to follow the beneficiaries using April Tag, Raspberry Pi and Python programming

CO-CURRICULAR ACTIVITIES

EXCO (Publications & Publicity)
Sep 2017 - Jun 2018

NTU, EEE Club
- Led a committee of 10 in publicity and publications of club events
- Maintained the club's social media platforms

Chief Programmer
Jan 2016 - Jul 2016

EEE, Freshmen Orientation 2016
- Planned and organised bonding activities for more than 600 freshmen
- Co-ordinated and led a group of 20 to execute the orientation activities

Video/Photographer & Editor
Jan 2015 - Aug 2017

EEE, Outreach Programme
- Produced promotional videos for outreach to pre-tertiary institutions
- Covered photography and videography for numerous EEE events

Event Coordinator
Jun 2014 - May 2016

NTU, Welfare Service Club (Friends of Children)
- Mentored and assisted 15 beneficiaries in their studies
- Facilitated bonding and learning activities outside classroom

SKILLS

Sketch, Adobe Photoshop, Illustrator & InDesign

Adobe Premiere Pro / Final Cut Pro

HTML, CSS, PHP, Javascript, Java, C Programming, Python

Videography & Photography

LANGUAGES

English	●	●	●	●	●
Mandarin	●	●	●	●	
Hokkien	●	●	●	○	○