

<ANDREL CHEW>

Computer Science Undergraduate

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github.com/ackw

EDUCATION

Bachelor of Engineering in Computer Science

Nanyang Technological University, Singapore

Aug 2019 - Present

Elective focus in Data Science & Analysis

Diploma of Business Enterprise IT

Nanyang Polytechnic, Singapore

Apr 2016 - May 2019

Director's List for 3 Semesters (AY 2017-2019)

ACADEMIC PROJECTS

MBTI Personality Recognition

Final Year Project in NTU

Aug 2021 - Present

Designed a Multitask Learning model to perform classification of 16 personality types and analyse text sentiment, with NLP, Machine Learning and Deep Learning. Deployed a web application for personality prediction and data visualisation.

Attendance System with Facial Recognition

Semestral Project in NTU

Jan 2021 - Apr 2021

Implemented a web application with a management portal using JSP and PostgreSQL, along with facial recognition using OpenCV.

Chemistry Augmented Reality iOS App

Final Year Project in NYP

Mar 2018 - May 2018

Developed a mobile application to advocate lab safety during chemistry experiments with Apple's ARKit, Firebase storage integration and composed 3D models using Blender.

PROFESSIONAL EXPERIENCE

SAP Project Assistant Intern

IBM Singapore

May 2018 - Aug 2018

Implemented a software based automated filling system to enhance productivity. Engaged in unit testing for SAP healthcare systems.

Admin Assistant

Blue Orange Pte Ltd

Aug 2017 - Aug 2019

Performed user acceptance testing and formulated assessments and worksheets for students. Conducted video editing and subtitling.

SKILLS & LANGUAGES

- Python, Java, SQL, HTML, CSS, jQuery, Swift iOS, SAP ABAP, C
- Pandas, Tableau, Tensorflow
- Teamwork, Adaptability, Communication
- English, Chinese, Korean

CO-CURRICULAR ACTIVITIES

Head of Events

NYP Photography Club

Aug 2016 - Feb 2019

Received NYP Star Awards in 2018 & 2019 for outstanding leadership skills. Organised orientation camps and workshops for 500+ students. Engaged with vendors and student clubs for event partnerships.