<ANDREL CHEW>

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github.com/ackw

Computer Science Undergraduate

EDUCATION

Bachelor of Engineering in Computer Science
Nanyang Technological University, Singapore
Aug 2019 - Present
Elective focus in Data Science & Analytics

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 deep learning model to predict personality traits and analyse text sentiment. Deployed a web application for data visualisation and personality prediction.

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 3D modelling using Blender.

PROFESSIONAL EXPERIENCE

SAP Project Assistant Intern
IBM Singapore
May 2018 - Aug 2018

Implemented a software based automated filing 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 on the company's education platform, and formulated worksheets for students. Conducted video editing and subtitling.

SKILLS & LANGUAGES

- Python, Java, SQL, HTML, CSS, 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 over 500 students. Engaged with vendors and student clubs for event partnerships.