Ashly Lau
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EDUCATION

Imperial College London   09/2017 – 07/2021
Computing – Artificial Intelligence (MEng)
· Modules: Algorithms, Hardware, Architecture, Databases, Mathematics, Operating Systems, Networks, Compilers
· First Year Overall Grade: A
· Projects: Implemented an ARM emulator, assembler and assembly program in C

Raffles Institution   01/2015 – 12/2016
Cambridge-Singapore GCE A Level
· 7 Distinctions: Physics, Chemistry, Mathematics, Economics, Higher Chinese, General Paper, Project Work
· Awarded the Raffles Diploma with Distinction

EXPERIENCE

HP Inc.   07/2018 – 08/2018
Software R&D Intern
· Wrote image recognition Android app which invokes a trained TensorFlow model to classify scanned documents
· Designed an algorithm which automatically crops and rotates scanned documents (submitted for patent filing)
· Assisted in the running and organisation of HP PrintHack Asia 2018

Google   06/2018 – 08/2018
Get Ahead Program
· Participated in the Google Hangouts and YouTube Live events, and solved problems posed to us each week
· Took part in various Codejam Kickstart competitions

DDB Worldwide Pte Ltd   02/2017 – 04/2017
Account Executive Intern
· Worked with the team to brief media and creative staff, assisting with the formulation of marketing strategies
· Managed client accounts and projects, facilitating communications between clients and creatives

ACTIVITIES

AI Hack 2018   10/2018 – 10/2018
· Analysed, cleaned and visualised data on traffic accidents in the UK, identifying features and trends
· Developed two models on the cleaned data to predict severity of road accident casualties

Singapore National Team, Artistic Gymnastics   01/2012 – 12/2016
· Participated in numerous competitions, including:
    · 2015, Glasgow: Artistic Gymnastics World Championships
    · 2015, Singapore: Southeast Asian Games – Team Silver
    · 2014, Glasgow: Commonwealth Games

Volunteer, Society for the Prevention of Cruelty to Animals   01/2016 – 06/2016
· Facilitated day-to-day operations of the shelter, while promoting humane and compassionate care of animals

PROJECTS

Pintos   10/2018 – 11/2018
· Strengthened support in thread scheduling and adding virtual memory implementation for Pintos

Portfolio Website   08/2018 – 08/2018
· Created a mobile and web-responsive website using a Bootstrap framework, hosted on GitHub Pages

SKILLS

· Programming Languages: Java, C, C++, Python, Prolog, Haskell, HTML5, CSS
· Others: Android App Development, Web Development, GitHub, Bootstrap 3, pandas

AWARDS/ACHIEVEMENTS

· Accredited Women's Artistic Gymnastics Brevet 3 Judge   01/2017 – 12/2020
· Meritorious Sportsgirl Award (Singapore National Olympic Council)   01/2015 – 12/2016
· Sport Singapore Sports Excellence Award (SPEX Scholarship)   01/2013 – 12/2015
· EAGLES (Edusave Awards for Achievement, Good Leadership and Service)   01/2011 – 12/2015

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