Ashly Lau

ashlylau@gmail.com | SW5 9LZ

EDUCATION

Imperial College London   09/2017 – 07/2021
Computing – Artificial Intelligence (MEng)
· Modules: Algorithms, Hardware, Architecture, Databases, Intro to AI, Operating Systems, Networks, Compilers
· First and Second Year Overall Grade: A
· Undergraduate Teaching Assistant (Programming) 2019/2020

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

Google   07/2019 – Present
Summer Trainee Engineering Practicum Intern | GHC Scholar '19
· Working with Google RMI team on on-device machine intelligence, writing an Android application to create visualisations of analysed data to create a proof-of-concept to further areas of research for the team

HP Inc.   07/2018 – 08/2018
Software R&D Intern
· Improved scanner workflow with Android app which invokes a TensorFlow model to classify scanned documents
· Submitted a patent for algorithm designed to automatically crop and rotate scanned documents

DDB Worldwide Pte Ltd   02/2017 – 04/2017
Account Executive Intern
· Assisted with the formulation of marketing strategies by working with a team to brief media and creative staff
· Facilitated communications between clients and creatives by managing client accounts and projects

ACTIVITIES

Facebook Hack-A-Project   02/2019 – 03/2019
· Attended weekly workshops at the Facebook London office, which included coding challenges and a hackathon

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

JP Morgan Data Science and Machine Learning Workshop   10/2018 – 10/2018
· Learnt data manipulation with Pandas and numpy to clean, explore and visualise real-world data

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

PROJECTS

Cinect   05/2019 – 06/2019
· Designed a movie selector mobile application using React Native, Django and a PostgreSQL database

Pintos   10/2018 – 11/2018
· Strengthened support in thread scheduling and added 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, Javascript, Prolog, Haskell, HTML5, CSS
· Others: Android App Development, Web Development, GitHub, React Native, Bootstrap 3, pandas

AWARDS/ACHIEVEMENTS

· Meritorious Sportsgirl Award (Singapore National Olympic Council)   01/2015 – 12/2016
· EAGLES (Edusave Awards for Achievement, Good Leadership and Service) 01/2011 – 12/2015

LinkedIn: www.linkedin/in/ashly-lau | GitHub: github.com/ashlylau | Website: ashlylau.github.io