

CHUN Hiu Sang, Bryan

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Education

BEng in Computer Science, Year 3, Hong Kong University of Science and Technology 2016 – 2020

- CPA 3.538/4.3; Minor in Mathematics; Course work: Deep Learning for Computer Vision

Exchange Student, Georgia Institute of Technology 2019 Spring

- CPA 4.0/4.0; Course work: Machine Learning, Data and Visual Analytics

Hong Kong Diploma of Secondary Education, Queen's College, Causeway Bay 2010 – 2016

Experiences & Extracurricular Projects

Project member, Reddit Aparecium: Reddit Discussion Visualization and Analysis 2019 Jan – Apr

Team Project, Data and Visual Analytics Spring 2019, Georgia Institute of Technology

- Reddit Post topic modelling by Latent Dirichlet Allocation and visualization (Python, Vue.js, Flask)

Undergraduate Research Opportunities Program, Topic: Blockchain Applications 2018 Sep – Dec

- Surveyed the functional programming paradigm for writing blockchain software

Research Assistant, System and Media Lab, CSE Department, HKUST 2018 Aug

- Assisted in data collection and research in MOOC data mining for student churn prediction

Summer Intern, Cyber Security and Analytics Group, Security and Data Sciences Division,

ASTRI - Hong Kong Applied Science and Technology Research Institute 2018 Jun – Jul

- Conducted experiments and analyses in face-swapping through deep learning architectures

Developer (part-time), Skygear, Oursky 2018 Summer

- Written a tutorial on demonstrating the social login function of Skygear backend in React.js

Participant, Microsoft Imagine Cup Hong Kong 2018 Jan – Apr

- Implemented face and emotion recognition in Python with Azure Cognitive Services on Raspberry Pi for detecting and scoring school children mental statuses

Designer & Developer, USThing: university student app development team, HKUST 2017 – 2018 Feb

- Created UI prototypes for revamp of home page and facility booking system for student users
- Contributed in developing an in-app bug reporter to facilitate user feedback on Android

Developer, Procal: side project for Mobile App Design Contest 2016, HKUST 2016 Dec – 2017

- A fully programmable scientific calculator that allows users to write, run and share programs
- Written in Android/Java, landed First Runner-up, Best Presentation, Best UI and Poster awards

Participant, Exploring Social Innovation in San Francisco, Volunteers in Asia 2017 Jul

- Completed a 2-week cultural program on Stanford design thinking and social innovation framework through workshops, firm and NGO visits, and networking with a focus on education

Dean of Engineering Scholarship, School of Engineering, HKUST 2016

Skills & Interests

Languages English (Fluent), Cantonese (Native), Putonghua (Fluent), Japanese (Elementary)

Programming Python (Flask, TensorFlow), C++/C, Java & Kotlin & Android, JavaScript, Unix/Bash, Haskell

Interests Badminton, Calligraphy, Graphic Design, Photography