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Louis Ka Ho CHAN Ph.D.

Mobile: +1 (437) 422 6315

E-mail: [louis.k.h.chan@gmail.com](mailto:louis.k.h.chan@gmail.com)

Address: 1618 – 18 Sommerset Way, North York, ON, M2N6X5, Canada

A silhouette of a cat

Description automatically generated with low confidence<https://github.com/louiskhchan>

Icon

Description automatically generated<https://www.linkedin.com/in/ka-ho-chan-0b9853247>

Summary

Recently moved from Hong Kong, I am looking for a Flutter developer job near Toronto or working remotely. I am the author of an App store and Play store-listed app, experienced in Flutter and associated SDKs and cloud services in mobile development. I am a full-stack developer with solid skills in JavaScript, PHP, C++, and others. Despite being a university lecturer in cognitive psychology, I have 10+ years of development experience.

Relevant experience

Flutter Developer   
Personal Project (March 2022 – current)

* Listed on Apple’s App store and Google’s Play store
* Experience with Firebase, Google AdMob, Apple ID/Facebook/Google Account authentication, In-app purchase and Subscription, etc.

University Lecturer   
Hong Kong Baptist University (September 2011 – August 2022)

* Programmed 30+ psychophysical experiments in JavaScript and PHP and C++/Direct2D
* Created interactive class demos in JavaScript
* Computational modelling and simulations of human decisions in terms of a drift-diffusion process; utilizing skills including maximum likelihood model fitting and GPU accelerated simulation with C++/AMP; strong experience with Mathematica
* Acquired 2 competitive research grants, published 4 peer-reviewed journal articles, and presented in international conferences for 4 times
* Teach psychology courses, including cognitive psychology and research methods; familiar with data analysis with SPSS, Jamovi, R, Python, etc.

Post-doctoral research fellow  
University of Hong Kong (September 2009 – August 2011)

* Programmed 10+ psychophysical experiments in C++/libSDL
* Developed a participant recruitment system for the lab in PHP, featuring a login system, mass email functionality, experiment booking list, and calendar view of scheduled appointments. Continued usage until the uprise of COVID-19
* Presented 3 times in international conferences and assisted in organizing one
* Assisted a graduate-level statistics course

Education

Ph.D. in Psychology   
University of Hong Kong (September 2006 – June 2009)

* Published 3 peer-reviewed journal articles

M.Phil in Psychology   
Chinese University of Hong Kong (September 2004 – June 2006)

* Taken 1 computer-science course from across the department and achieved an A among other computer-science post-grads

Bachelor of Cognitive Science   
University of Hong Kong (September 2001 – June 2004)

* First class honours
* This was an interdisciplinary degree programme taking courses from across the psychology, linguistics, philosophy, neuroscience, and computer science departments
* Taken 6 computer-science courses with straight As

Skills

Frontend: Flutter, JavaScript, HTML5

Backend: PHP, SQLite, Firebase (Authentication and Cloud Firestore), NodeJS

Data analysis: R, Python, C++

Desktop: C++/Win32, C#, Flutter

Software: SPSS, Jamovi, Mathematica, Photoshop, etc.