

Clive Ke

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ABOUT ME

Programming	Java, Python, JavaScript, React, Kivy, XML, SQLite, Git, Android SDK, HTML/CSS
Languages	English (Native), Mandarin (Conversational)
Interests	Football, Badminton, Chess (U18 National Schools' Champions), Violin (Grade 8)

WORK EXPERIENCE

Snappitt (Closed)	Glasgow & London, UK
Founder	Jul 2018 – Dec 2021

- Developed core front-end for NFC digital business card Android app in Java, XML.
- Created features of contacts book, dynamic profile forms and linking with social channels. Back-end contacts database implemented with SQLite.

How To Improve At Chess	London, UK
Author	Jan 2018 – Jun 2018

- Authored a chess book which achieved the #1 bestseller in “Chess Books” on the Amazon UK Store.

Sleepinglavender.com	London, UK
Self-Employed	Apr 2017 – Dec 2017

- Started an organic lavender oil e-commerce business. Managed all aspects including creating the website, product and packaging, and running and analysing marketing campaigns on Google Ads and Facebook Ads.

HSBC Global Asset Management	London, UK
Equity Analyst	Sep 2015 – Apr 2017
Graduate Asset Management Analyst	Jun 2013 – Sep 2015

- Investment research using DCF modelling on Emerging Markets equities for a team managing \$7bn in assets.
- Product Manager for a new Bloomberg software tool for writing and publishing internal research to increase engagement by over 50%. Involved in designing and implementing the new software from scratch, migrating the old research database, and communicating with offices across the world to gather data and specifications.
- Used VBA to help automate Excel financial analysis and data analysis with large Excel data sets.
- Completed rotations in Business Management, Client Strategy, Institutional Sales and ABS Investments.

Royal Bank of Scotland	London, UK
Technology Internship – Project Management Team	Jul 2012 – Sep 2012

- Project-managed a successful regulatory submission by using document tracking and data analysis.
- Led a team of interns to develop a Facebook Application to help students and graduates with career advice, and led another team to raise over £1000 for charity.

PROJECTS (github.com/cluivee)

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- **Circuit Trainer:** Published a circuit-training timer Android app written in Java and Android Studio on the Google Play Store, which allows the user to create and follow their own exercise circuit ([Play Store](#)).
 - **Habit Tracker:** Desktop app written in Python and Kivy allowing the user to track their habits and easily visualise their streaks on a calendar.
 - **Financial Brain Trainer:** Interactive Android game to teach financial concepts and terms to students.
 - **ISS Location Browser Extension:** Built browser extension using React, JavaScript and CSS to follow the movements of the International Space Station.

LEADERSHIP AND OTHER

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- Volunteer chess tutor for “Chess In Schools” charity, teaching schoolchildren on a weekly basis (2019-20).
 - InsurTech Hackathon – helped build an AI Chatbot application for car insurance claims.
 - Volunteered as a “Transition Mentor”, providing academic and social support for 1st year UCL students.

EDUCATION

University College London	London, UK
• BSc Natural Sciences, Major in Physics, Grade 2.1. Hons	Oct 2010 – Jun 2013
• Captained the UCL Badminton 1 st Team.	
• Relevant Coursework: Practical Physics and Computing, modelling electrical signal data using MATLAB.	