

Sam Wong

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EDUCATION

IMPERIAL COLLEGE LONDON

2009-2013

MSci Joint Mathematics and Computing

Year Rep (2009-2010), *IBM University Business Challenge* Semi Finalist

Courses include Network Security, Databases and Software Design

Selected as an Undergraduate Teaching Associate & Personal Maths Tutor.

Responsibilities include hosting a weekly tutorial for 8 first year students.

DEAN CLOSE SCHOOL, CHELTENHAM

2007-2009

All Round Academic Excellence (1 of 2), Senior Physics Prize (1 of 1)

6 A's in A2 Further Mathematics, Mathematics, Physics, Business, Psychology and Chinese

CHAN SUI KI (LA SALLE) COLLEGE

2002-2007

Outstanding Student Award, Computer Science Prize (Top performing)

8 Subjects taken, 5* top grade in HKCEE Chinese Speaking

EXPERIENCE

AMAZON.COM

2012

SDE Intern in Amazon Fulfillment Technologies

Implemented security improvements in various internal tools. Coded a wrapper for DynamoDB, with defensive design and managed authentication. Worked on both frontend and backend of a warehouse management software, and contributed to community supported internal tools.

GROUPON - GAOPENG

2011

Product Engineer

Designed metrics based on data available in the database, then created a daily & weekly report for senior management. Refactored existing report generating algorithms to substantially improve accuracy.

Created tools to profile customers, discover system abusers and a multi-dimensional graph linked to the database for instant data access. Also worked with managers from other departments to design benchmarks for their teams.

SPORTS FACILITIES BOOKING SERVICE

2010-PRESENT

Founder, Founded in Summer 2010

A side business that reserves recreational facilities for sport coaches.

Currently receiving £3000+/month in revenue. Wrote low-latency, high precision and performance program to competitively capture suitable resources on behalf of sport coaches. Technologies used include GWT, PHP and integrates with Google Docs.

Also automated processes to improve scalability, reduce human error and time commitment. Finally designed and implemented a hands-off business model.

Gained a wide range of experiences including business model design, customer services, outsourcing, sales, pricing, consumer psychology, management and strategic planning.

IMPERIAL ENTREPRENEURS

2011-PRESENT

Hackathon Director

Organized the first-ever Imperial Hackathon in Spring 2012. Worked on the Format, Finance and Logistics of the event. Attracted over 30 teams to compete, and top engineering firms as sponsors. Hackathon is now one of the flagship event of Imperial Entrepreneurs. Also work as a committee of the society, actively promote entrepreneurship to over 1,700 members. Flagship events include: Silicon Valley Comes to Imperial, Apprentice Challenge and Ideas Empowered.

SKILLS & INTERESTS

Proficient in: Java, RoR, PHP, GWT, JavaScript, Matlab, Haskell and UNIX

Strong interest in Behavioral Psychology, Security & Entrepreneurship (Ideas Empowered Finalist)

Fluent Languages: Cantonese, Mandarin, English