Sophie Chang

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Education

Harvard University   2009-2013, Cambridge, MA

A.B. Computer Science with Honors

Secondary Field, Mathematical Sciences

Work Experience

Google   Software Engineer, 2013 - present, New York, NY

Developer on confidential internal Hangouts-related project

Harvard University   Teaching Fellow, 2010 - present, Cambridge, MA

Instructed students in computer science courses covering basic C and Java programming and mobile operating systems and applications (iOS, Android, and Windows Phone)

Synthesized complex course material and presented weekly supplemental lessons

Graded quizzes and problem sets for classes of 500+ students

Google   Software Engineering Intern, Summer 2012, London, UK

Interned on the Android Voice Search team

Integrated Android Voice Search into devices, promoting search functionality

Optimized speech recognition service to improve accuracy of word identification

Harvard Student Agencies   Senior Developer - Android, 2011 - 2012, Cambridge, MA

Led Android team as main developer for all Android projects

Designed full-scale projects and communication infrastructure

Supervised Android team members and increased efficiency by 25%

Mobile Interactive Group   Software Engineering Intern, Summer 2011, London, UK

Collaborated with team to implement Android applications for Vodafone (myVodafone), O2 (myO2), and Moneysupermarket.com

Implemented home screen widgets for the Sony PlayStation Europe Android application

Prepared research briefs on new mobile technologies and Android developments

Skills

Software

Strong experience with Java (and Android), Python (and Django), HTML/CSS, Javascript (and Closure)

Some experience with C/C++, Objective-C (and iOS), PHP, SQL, and Dart

Language

Native fluency in Mandarin Chinese and English