

# Ji Xiang

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## EDUCATION

### UNIVERSITÄT TÜBINGEN

MA IN COMPUTATIONAL LINGUISTICS  
October 2016 - Present | Tübingen,  
Germany

### UNIVERSIDAD CATÓLICA DE CHILE

COMPUTER ENGINEERING (EXCHANGE)  
August 2013 - June 2014 | Santiago, Chile

### THE UNIVERSITY OF HONG KONG

BENG IN COMPUTER SCIENCE  
Grad. May 2016 | Hong Kong

## LINKS

Blog: [www.xiangji.me](http://www.xiangji.me)  
StackOverflow: [Ji Xiang](#)  
Github: [x-ji](#)

## SKILLS

### PROGRAMMING

Over 3000 lines:

Ruby (on Rails) • Javascript (CoffeeScript)  
CSS (SCSS) • HTML (HAML)

Over 1000 lines:

Haskell • C • C++ • Java • C# • Python • Rust

Familiar:

Android • SQL • Shell Scripts • Elixir

Miscellaneous:

Vim • Git •  $\LaTeX$

### LANGUAGES

Native:

Mandarin Chinese

Professional working proficiency:

English • Spanish (Latin America) (C1)

Limited working proficiency:

Cantonese • German (B1-B2)

## COURSEWORK

Deep Learning for NLP

Information Retrieval

Models of Language Evolution

Mobile Application Design and Programming

Operating Systems

Computer Networking

Compiling Techniques

Functional Programming

Programming Languages

Artificial Intelligence

Distributed Computing

## EXPERIENCE

### SPACIOUS | SOFTWARE ENGINEER

September 2014 – May 2015 | Hong Kong

- Spacious is a HK-based property marketplace startup. I had been a part-time developer during semesters and a full-time developer during school vacation.
- Full-stack web development with Ruby on Rails. Work included a new dynamic landing page, a sweepstakes campaign, and backend API for interaction with mobile app.
- Mobile app development with Appcelerator Titanium (a Javascript-based framework). Work included universal search capabilities, app refactoring, and multi-city browsing support.

### QINGSHI | DEVELOPER

March 2015 - August 2015 | Shenzhen/Hong Kong

- QingShi was a Shenzhen-based food-set delivery startup launched by HKU students.
- As a member of the founding team, I was responsible for the technological aspect of the startup. I built the e-commerce website in Ruby on Rails with electronic payment integration.

### BEYOND THE PIVOT | INFORMATION TECHNOLOGY ADMIN

September 2012 – June 2014 | Hong Kong

- BTP is a registered NGO in Hong Kong run by HKU students.
- Implemented automated workflow for online volunteer recruitment using Javascript and Google Apps for Business
- Managed site maintenance (DNS, server, mail system)

## RESEARCH

### RESEARCH CENTER SFB 833 | RESEARCH ASSISTANT

May 2017 - Present | Universität Tübingen

- Work with Dr. Michael Franke on "World of Quantifiers", a project studying quantifiers across different languages.

### HKU PL GROUP | RESEARCH ASSISTANT

July 2015 - May 2016 | The University of Hong Kong

- Worked with Dr. Bruno C.d.S. Oliveira on a modular programming language prototyping framework powered by Oracle Graal/Truffle.

## PROJECTS

### DATA STRUCTURES: NEW PERSPECTIVES July 2016 - Present

- Translation from Chinese to English of a university textbook on data structures by Prof. Zhou Xingni of Xidian University
- Book expected to be published in 2017 by Science Press

## ACTIVITIES, AWARDS AND CERTIFICATES

2016 DELE (Diploma of Spanish as a Foreign Language), level C1

2014 Service Trip to Cochamó, Chile

2013 HKUWW Scholarship

2013 Service Trip to Sichuan, China