

Dear Airbnb recruiter:

I was excited to see your opening for a software engineer full stack, and I hope to be invited for an interview.

My background includes serving as a full stack software engineer within with various computer languages like Java, C++, PHP, Python, Node. I have experience in both relational database (like Postgres, Mysql) and non-relational database (like Mongo, redis). I deliver quality code both on front-end and back-end.

I apply this job because I would like to work with talented people and I'm also an Airbnb user and I like the product and would like to be part of it to make it better.

I am confident that I can offer you the software engineer full stack and the skills you are seeking. Feel free to call me at 18611623605 (cell) to arrange an interview. Thank you for your time—I look forward to learning more about this opportunity!

Sincerely,

Liang Sun

Enclosure: Resume

Liang Sun

Beijing, i@leons.im , (+86)18611623605

Job Experience

Technical Lead, Full Stack Software Engineer

Mala Online (Start up, Seed round)

May, 2015 — Current, Beijing

This is a start up project to connect students and teachers both online and onsite. We build onsite tutoring schools and online platform for students' parents selecting teachers online. I lead the tech team to build a staff admin site, a teacher admin site, a WeChat site, a Restful API server, an Android app and an iOS app. We use Postgres as database, Python for backend, HTML5, CSS and JavaScript for front-end, Java for native Android app and Swift for native iOS app. We deploy the server to Amazon AWS. I build the workflow with JIRA, Bitbucket, Jenkins and Slack. We use sentry for error reporting, celery for crontab jobs.

Lead Software Engineer

Enjoy Study (Start up, A round)

Jul, 2013 — Nov, 2014, Beijing

This is a start up for helping students to learn knowledge more efficiently. We build a system to know which knowledge students don't master and provide additional practices for their short board. I lead the tech team to build the document input system (to cut documents into questions), the data parsing system (to standardize questions), the correction system, the clustering system (to remove duplicated questions), the typesetting system and the tagging system (to connect questions with relative knowledge points). We use Python as the main language and MongoDB as the database.

Software Engineer

Douban

Nov, 2012 — Jul, 2013, Beijing

Work on advertisement schedule system with Python. Create the KR system and employee evaluation system for inner company use.

Software Engineer

Hada Online (Start up, acquired by Xiaomi in Jul, 2012)

May, 2011 — Jul, 2012, Beijing

This is a start up for instant messaging for office use. We build a client compatible with MSN protocol and Weibo protocol. I create the installer for the Windows client with NSIS. I build the avatar storing system with MongoDB's GridFS. I build the server side of group features (create a group, invite users to join a group, talk in a group etc).

Software Engineer

Neusoft

Jul, 2010 — May, 2011, Shenyang & Dalian

Develop a high-end camera's Mac OS client with Obj C.

Open Source Projects

[Segment Tree](#) An algorithm to reduce query time complexity for numbers in a limited range

[Simhash](#) An algorithm to calculate the similarity of two paragraphs

Education

B.S. Software Engineering, Shandong University, 2006 - 2010

Honors and Awards

[Winner of Udacity's CS101 contest, 2012](#)

[Winner of Pythonic Hackthon, 2012](#)

[Bronze Medal of The ACM Asia Programming Contest Wuhan Site, 2009](#) (link invalid)

[Bronze Medal of The ACM Asia Programming Contest Ningbo Site, 2009](#) (link invalid)

Successful Participant of The Mathematical Contest in Modeling, 2009

[Third Prize of China Undergraduate Mathematical Contest in Modeling in Shandong Province, 2009\(A1021\)](#)

Second Prize of Shandong University Bchine Cup Algorithm Contest, 2008

[First Prize of Shandong University Mathematical Model Contest, 2008](#)

Second-class Scholarship of Shandong University, 2008

[2nd Prize of China Undergraduate Mathematical Contest in Modeling in Shandong Province, 2008\(A1014\)](#)

[Honorable Mention of The ACM Asia Programming Contest Beijing Site, 2008](#) (link invalid)

[Honorable Mention of The ACM Asia Programming Contest Chengdu Site, 2008](#) (link invalid)