

Songyu Li

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EDUCATION

University of Illinois at Urbana-Champaign

BS Computer Science (Expected May, 2018)

GPA: 3.73/4.0

Coursework: Algorithms and Models of Computation, Data Structure, System Programming (Unix), Database Systems, Software Engineering, Artificial Intelligence, Numerical Analysis, Discrete Structure, Computer Architecture, Combinatorics, Calculus and Linear Algebra

EXPERIENCE

Software Development Engineer - Intern

iOS Team, Zillow

May 2017 - August 2017

Seattle, WA

- Developed and tested a series of new features for Zillow iOS app
- Learned various design patterns and architectures for Swift and Objective-C

Developer

Jisuanke

May 2016 - August 2016

Beijing, China

- Tested an online coding service (Unix Terminal and online IDE)
- Developed and tested an online judge service, which was integrated into the online coding service

SKILLS

- Languages: Swift, C++, JavaScript, Objective-C, Python and Java
- Tools: Git, Subversion, IntelliJ, Xcode and WebStorm
- Development Methodologies: Agile and XP

PROJECTS

Relink a realtime virtual classroom

U of Illinois

A web application that enables students and instructors to discuss class materials in real time, helps instructors arrange in-class polling and quizzes, and collects responses from students. Its backend services were implemented with Node.js and Python. Efficient exchange of information between clients and server relies on socket communications and MongoDB, and front end was developed with React. It was a course project developed by a group of eight students. The whole team practiced and enjoyed Agile Development

Zillow Real Estate App Enhanced Sharing features

Zillow

A series of new features for Zillow's iOS App that enhance the general experiences of sharing information on Zillow. The new features help detect screenshots, prompt the user to share screenshots within the app, and provide a new interface for share sheet.