

Yanan Xie

CONTACT INFORMATION

+1 (831) 346-9038
yaxie@ucsc.edu

EDUCATION

University of California, Santa Cruz, California, US

M.S., Computer Science, expected 2017

- Advisor: Prof. Yi Zhang

Zhejiang University, Hangzhou, China

B.S., Computer Science, June 2014

- Advisors: Prof. Zhaohui Wu and Prof. Jian Wu

WORK EXPERIENCE

Full-stack Developer

Aug 2015 to Aug 2016

From Network Technology(Startup), Hangzhou, China

- Built local cache, data synchronization mechanism by utilizing Objective-C runtime techniques and algorithms
- Successfully led team of iOS developers to deliver high-quality apps

Software Development Engineer

July 2014 to May 2015

Alibaba, Hangzhou, China

Supervisor: Zhongjie Li, Ph.D.

- Created a crowd-sourcing data labeling system - laiceba.taobao.com, producing over 1,000,000 labeled data each day
- Designed a random pre-assignment mechanism to implement a high-performance task distribution system

PROJECTS

Schemaless and Structureless Graph Querying System

2013 - 2014

Front-end developer

- Developed a graph query composer in JavaScript providing an interactive interface to draw graph query
- Established an interactive graph explorer making it possible to zoom in and zoom out on the topological results
- Published in SIGMOD 2014 as a demo paper

MAI.SHU.MA Book Price Comparison Website

2010 - 2012

Co-founded with Kang Liu

- Achieved 18,000 DAU / 1,000,000 pages indexed by search engines
- Implemented a distributed crawler system in C#
- Exploited DFS algorithm to recommend purchase strategies considering sales promotions from over 10 websites in JavaScript

RABSoft.org - SaaS Remote Desktop Software

2009 to 2014

Personal project

- RABSoft enables users to remotely monitor/control their PC via web browser
- Implemented an incremental desktop monitoring method in JavaScript/Delphi

AWARDS

- China Computer Federation Outstanding Undergraduate (99 in China) 2013
 - Third Prize for ACM/ICPC in Zhejiang Province 2011
 - First Prize, National Olympiad in Informatics in Provinces 2008, 2009
- China Computer Federation