

Yanan Xie

CONTACT INFORMATION

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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
- Introduced the lean startup methodology in product development

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

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

iNewsBox: Personal News Radio App

2012

Leader

- Built the whole pipeline: crawl text, convert text to audio, recommend to user, play audio in iPhone
- Designed a reinforcement learning recommender algorithm
- Published in CIKM 2013 as a demo paper

MAI.SHU.MA: Book Price Comparison Website

2010

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