

Fan Yang

Software Engineer - Yahoo. Inc

Mountain View, CA - Email me on Indeed: [indeed.com/r/Fan-Yang/b779039001e1bf24](https://www.indeed.com/r/Fan-Yang/b779039001e1bf24)

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

Software Engineer

Yahoo. Inc - March 2016 to Present

- Developing and testing RESTful Web Services for Yahoo's internal ad manager
- Improving and maintaining the back-end API for campaign management and reporting with Java, Hibernate, Spring, and Jersey

Software Engineering Intern at Yahoo, Inc.

May 2015 - Aug 2015

- Optimized the audience data pipeline for internal use with Apache Pig and Druid
- Built and tested the optimized data pipeline using the Oozie scheduler on a Hadoop cluster
- Managed to reduce the disk space by 54% at a cost of 5% increase in query latency

Teaching Assistant

UIUC - January 2014 to December 2015

Led a team of 10 graduate and undergraduate teaching assistants to design programming assignments and section materials for CS 241 System Programming

- Led weekly recitation sessions and graded homework assignments for CS173 Discrete Math
- Appeared on the List of Teachers Ranked as Excellent by Their Students 3 semesters in a row

Software Engineering Intern

UIUC - May 2014 to August 2014

Prototyped a content-index manager for a peer-to-peer file sharing system using PHP, SQL and JavaScript.

- Implemented an instant search feature that retrieves search results from both local and remote sources

Undergraduate Research Assistant

UIUC - January 2012 to May 2012

Designed and implemented a counting bloom filter in C for web servers to check which cache server to query during server provisioning (resulted paper published in ICDCS 2013)

EDUCATION

Master of Science in Computer Science

University of Illinois at Urbana-Champaign - Urbana-Champaign, IL

December 2015

SKILLS

JAVA (1 year), BASH (Less than 1 year), C++ (Less than 1 year), CSS (Less than 1 year), HTML (Less than 1 year)

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, SQL, PHP, Bash, HTML/CSS, JavaScript, Lisp