

Maggie Mao

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

M.S. IN COMPUTER SCIENCE

Expected Mar 2018

Cum. GPA: 3.85/4.00

PURDUE UNIVERSITY

B.S. IN COMPUTER SCIENCE

May 2014 | West Lafayette, IN

Conc. in Software Engineering

College of Science

Dean's List (All Semesters)

Cum. GPA: 3.86 / 4.0

Major GPA: 3.95 / 4.0

LINKS

Github:// [echowand](#)

LinkedIn:// [guanqunmao](#)

SKILLS

PROGRAMMING

Over 10000 lines:

Java • Python

Over 5000 lines:

JavaScript • CSS • HTML • PHP

Over 1000 lines:

Scala • SQL • C++ • R • Swift

Objective-C

Tools and platform:

IntelliJ • Sublime • Vim • Xcode

Git • UNIX •

COURSEWORK

GRADUATE

Distributed Systems

Database Systems

UNDERGRADUATE

Introduction to the Analysis of
Algorithms

Compilers: Principles and Practice

Computer Networks

Embedded Systems

Data Mining & Machine Learning

Operating Systems

Computer Graphics

(Teaching Asst)

Python Programming

EXPERIENCE

YAHOO | SOFTWARE ENGINEER

July 2014 – Sep 2016 | Sunnyvale, CA

- Delivered the next generation publishing platform. All Yahoo editors and external teams use this platform to publish news, articles, videos to all Yahoo sites. I took the full ownership of building the search engine that indexes all streaming metadata.
- Worked on iOS development for Dispatcher & Reporter, which is the mobile version of the publishing platform.
- Worked on content ingestion/acquisition system which owns primary responsibility of content inflows of videos, news, and articles that appear across all Yahoo sites (Yahoo.com, Sports, Finance, etc.).
- Developing on Java-based technologies: Storm, Jetty, Hadoop, etc.

RESEARCH AND COURSE PROJECTS

IMPROVING RECOMMENDATION ALGORITHM | RESEARCH

Jan 2018 – Present | Los Angeles, CA

We are proposing a model that will improve the accuracy of recommended content to users. (<https://www.kaggle.com/c/outbrain-click-prediction>)

EZRIDE | TEAM LEADER

Aug 2013 – Dec 2013 | West Lafayette, IN

Lead a team of five students. We delivered a web application and an Android application that allow a group of people to schedule carpooling.

INTEL GALILEO PROJECT | RESEARCH

Jan 2014 – May 2014 | West Lafayette, IN

Implemented and tested Xinu NAT (Network Address Translation) for TCP (Transmission Control Protocol) on X86 platform.

SCHEDULING APPLICATION FOR LAFAYETTE CRISIS CENTER

| COMMUNITY PROJECT

Jan 2012 – May 2012 | West Lafayette, IN

We developed a scheduling application for Lafayette Crisis Center to arrange volunteers' shifts.

https://epics.ecn.purdue.edu/disc/pastmembers_Spring_12.php

AWARDS

2015 Grace Hopper Conference Scholarship, Google

2014 Nylin Endowment Scholarship, Purdue University

2014 Discovery Park Scholarship, Purdue University

2013 Grace Hopper Conference Scholarship, Purdue University

2013 Discovery Park Scholarship, Purdue University

SOCIETIES

2013-2014 Corporate Liaison

2012-2013 Mentor

Computer Science Women's Network (CSWN)

Women in Science Program (WISP)