

Xiaodan (Sally) Zhang

Machine Learning Software Engineer at Apple

Summary

I'm currently working at Apple, Inc. in Santa Clara Valley, CA.

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Data lover, but not limited to "Big Data".

Curious about the whole data-driven world.

Interested in statistical data analysis, text mining, information retrieval, machine learning and NLP.

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I am a fan of LEGO.

Experience

Machine Learning Software Engineer at Apple

February 2016 - Present

I write code.

Club Facilitator at Girls Who Code

September 2016 - March 2017 (7 months)

@Cupertino Library

Volunteer 3-4 hours a week facilitating a computer science education club for high school and elementary school girls (6th-12th grades).

Girls Who Code = Problem Solving and Impact + Sisterhood + The Core4 Computer Science Concepts

Mentored 16 girls to build a website that helps people relax: <https://cupertinolibrarygwc.github.io>
<https://github.com/CupertinoLibraryGWC>

Technical Reviewer at Packt Publishing

October 2016 - December 2016 (3 months)

Reviewed Tableau Cookbook: Recipes for Data Visualization by Ms. Shweta Savale

<https://www.packtpub.com/big-data-and-business-intelligence/tableau-cookbook—recipes-data-visualization>

Teaching Assistant at University of Illinois at Urbana-Champaign

August 2015 - December 2015 (5 months)

CS105 - Introduction to Computing (Fall 2015)

Programming - Scratch; basic algorithms and data structures (arrays, searching, and sorting, etc.)

Data Use and Manipulation - HTML/CSS, JavaScript, Microsoft Excel

Data Visualization - JSON data representation, d3.js

Led 2 weekly lab sections, answered questions on Piazza and created exam questions.

Software Engineering Intern at Groupon

June 2015 - August 2015 (3 months)

Fraud prevention engineering team @ Groupon Palo Alto

Teaching Assistant at University of Illinois at Urbana-Champaign

August 2014 - May 2015 (10 months)

CS492 - Senior Project I (Fall 2014)

CS493/494 - Senior Project II (Spring 2015)

Software Engineer Intern at Bazaarvoice

June 2014 - August 2014 (3 months)

- Worked on the Data Services team to help rebuild the Universal Brand Catalog that enables content moderators to view brand candidates and validate their legitimacy alongside validating their associated synonyms.

Data Science Intern at NeuStar, Inc.

June 2013 - May 2014 (1 year)

- Worked on DNS team at Neustar Innovation Center.
- Analyzed large scale DNS traffic data stored in the Hadoop cluster and built a DNS Dashboard for displaying plots generated by Tableau of major characteristics and descriptive statistics of the data.
- Utilized Machine Learning techniques to build models for detecting DDoS attacks.

Undergraduate Research Student at University of Illinois at Urbana-Champaign

August 2012 - August 2013 (1 year 1 month)

- Took part in a scientific computing project about Topology of Relations with hands-on instructions where I did data analysis and integration.

CS357 Grader at University of Illinois at Urbana-Champaign

January 2012 - December 2012 (1 year)

- Graded the written homework, programming assignments(in Python/Matlab), and projects of over 150 students who were enrolled in CS357 for two semesters (SP12 and FA12).

Intern

June 2012 - July 2012 (2 months)

DIA Tutor at University of Illinois at Urbana-Champaign

September 2011 - May 2012 (9 months)

- Tutored student athletes in various courses and assisted them in developing effective study habits.

Education

University of Illinois at Urbana-Champaign

Master of Science (MS), Computer Science, 2014 - 2015

University of Illinois at Urbana-Champaign

Bachelor of Science (BS), Statistics and Computer Science, 2010 - 2014

Activities and Societies: SASE, Women in Computer Science, Illini Statistics

The High School Affiliated to Renmin University of China

High School Diploma, Science, 2004 - 2010

Honors and Awards

Technology Commercialization Certificate, 2015 Grace Hopper Celebration Scholar, ABI Systems 2015

Google I/O Travel Award, Fall 2014 Conference Travel Grants, 2014 Grace Hopper Celebration Sponsorship,
Distinction STAT/CS, 2013 Grace Hopper Scholarship, Dean's List

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[Contact Xiaodan \(Sally\) on LinkedIn](#)