

XIAO(YVONNE) XIAO

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OBJECTIVE

To obtain a position as a Software Engineer - New Grad.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, Bash, Matlab, Javascript, HTML5/CSS3, PHP, L^AT_EX, and RDBMS (MySQL)

Tools & APIs: Vim, Git, PhoneGap, Flask, Eclipse, XCode, Puppet, Rundeck, Jenkins, Google Maps API, and MPI

Platforms: Unix/Linux, MacOS and Windows

EXPERIENCE

Symantec

Norton Engineering Sys Management Intern

Springfield, OR

June 2014 - Present

- Built tests to help create the automated infrastructure based on Puppet, Rundeck and Jenkins.
- Participated in the engineering operations process for Norton Products.

University of Oregon

Research Assistant at Advanced Integration and Mining (AIM) lab

Eugene, OR

June 2013 - June 2014

- Built a relational model for predicting human behaviors based on the users' physical and social activity information in a real-world health social network YesiWell.
- Implemented the method to predict human behaviors using **Python** and improved the accuracy by 8%.

Graduate Teaching Fellow

September 2012 - June 2013

- Led lab sessions and office hours for both the Fluency with Information Technology and Introduction to Web Programming courses, each of which introduce web programming.
- Guided the students to learn to program in HTML5, CSS3 and Javascript.

PROJECTS

Semantic Mining of Activity, Social, and Health Data, NIH SMASH grant

July 2013 - June 2014

- Developed a statistical model for predicting sustained weight loss, given historical data for the subjects, their neighbors in the social network, and other factors such as recommendations.
- Detected key factors that enable spread of healthy behaviors in a social network to provide recommendations for the individuals so that they can be positively influenced towards wellness and maintain long-term weight loss.

PageRank Random Walk

March 2014 - June 2014

- Implemented the PageRank algorithm on Flickr dataset which has 2G data.
- Achieved the parallel process communication using **C++** and **MPI**.

iOS app for Hachathon

August 2014

- Built an iOS app for Symantec employee to order food from cafeteria using **Python**, **PhoneGap**, and **Flask**.
- Built an web server for Symantec employees to order food online using **Python**, **HTML5**, **CSS**, and **PHP**.

Food Trucks Service

September 2014

- Built the web front-end service that tells the user what type of food trucks might be found near a specific location on a map using **HTML5**, **CSS**, **Javascript**, and **Google Maps API**.
- Built the backend service using **Flask** and **Socrate Open Data API**.

EDUCATION

University of Oregon
Jilin University

M.S. in Computer Science (GPA: 3.65)
B.S. in Computer Science

September 2012 - December 2014
September 2008 - July 2018