

Shaoyang Yan

801 Dexter Ave N, Seattle, WA, 98109 yan.s@husky.neu.edu (617)510-3515

LinkedIn: <https://www.linkedin.com/in/shaoyang-yan/>

GitHub: <https://github.com/TimYanSY>

Education

Northeastern University, Boston, MA

Expected: 01/2019

M.S. in Information System

Related Courses: Data structure and algorithms, Database Management, Object-Oriented Design, Machine Learning, Web Development, Business Analysis, Smartphone Development(Android and IOS), Cloud Computing

GPA:3.9/4.0

Xi'an Jiaotong University (XJTU), China

06/2016

B.E. in Electrical Engineering

Technical Skills

Programming Language: JAVA, Javascript, Python, C/C++, PHP

DataBase: relational database (MySQL), non-relational database (DynamoDB, MongoDB)

System: Linux, Windows

Professional Skills: HTML, CSS, Bootstrap, REACT, Node.js, jQuery, Jersey, AWS, Heroku, Git

Professional Experience

Software Development Intern, Amazon Web Services, Inc.

05/2017-08/2017

- ⌚ Develop a new load testing tool for Elastic File System Team. Work with a team of 15 and 2 other teams. New tool only takes **10%** time compare to old tool with high reliability.
- ⌚ Designed and created new load testing tool using **Python, BOTO2, BOTO3, DynamoDB, EC2, S3, EFS, Auto Scaling Group**, and other **AWS internal tools**, which tested the load testing performance of Elastic File Systems with GUI grid output.
- ⌚ Created metrics to evaluate the performance of load testing framework.
- ⌚ Tested and deployed(prod) the new load testing tool.
- ⌚ Used Git as source code version control.

Projects

Online Chat Room

02/2018 - 03/2018

- ⌚ Designed chat room architecture with functions including joining chat room with room number and name, sharing location and new user login notification.
- ⌚ Used **Websocket (socket.io)** protocol.
- ⌚ Created a live chat room front end using **HTML, CSS, Javascript (jQuery), Moustache.js**
- ⌚ Created back end using **Express (Node.js)**. Test Coverage 100%.
- ⌚ Deployed the entire application on **Heroku**.
- ⌚ Link: <https://rocky-dawn-43386.herokuapp.com/>
- ⌚ Git Link: <https://github.com/TimYanSY/node-chat-app>

Twitter clone

08/2017 - 09/2017

- ⌚ Designed Twitter architecture with functions including account registration, session, publishing character-number-restricted tweets, viewing tweets with descending time order, follow/unfollow other users and searching tweets.
- ⌚ Created Twitter front end using **HTML, CSS, BootStrap, Javascript, AJAX**.
- ⌚ Created Twitter back end using **PHP**.
- ⌚ Used **MySQL** to store user information, tweets and user relationships.
- ⌚ Deployed the whole application on **Echo Webhosting**.
- ⌚ Link: <http://timyan-com.stackstaging.com/content/twitter/>
- ⌚ Git Link: <https://github.com/TimYanSY/TwitterClone/>