

Tiecheng Su

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EDUCATION

University of Rochester

M.S, Electrical and Computer Engineering
GPA: 3.77

Rochester, NY
09/2015 - 05/2017

Huazhong University of Science and Technology

B.Eng., GPA: 3.40 and Outstanding graduate

Wuhan, China
2011- 2015

EXPERIENCE

GoFind.ai *Software Engineering intern*

- Built a visual search engine using deep convolutional neural networks.
- Implemented and trained multi-object recognition algorithm.

Berkeley, CA
05/2016 - 08/2016

PROJECTS

Neighborhood Map

- Developed a web application featuring a neighborhood map with JavaScript.
- Integrated Google Maps and Places API to enable search function.
- Built with Knockout.js frameworks and Bootstrap.

Rochester, NY
04/2017

NBA Player Database

- Developed a web app where users can view and buy NBA players.
- Integrated MySQL database to authenticate user and store data.
- Built with PHP at the backend and JavaScript, Bootstrap, jQuery at the frontend.

Rochester, NY
03/2017-04/2017

Popular Movies App

- Built an android app to allow users to discover popular and high rated movies.
- Fetched data from themoviedb.org API to allow users read movie details and watch trailers.
- Designed local SQLite database to enable offline features.

Rochester, NY
03/2017

Reddit comments big data analysis

- Deployed Hadoop cluster on AWS EC2.
- Implemented Hadoop Streaming program in Python for MapReduce on AWS EMR.

Rochester, NY
02/2017

Face Recognition in the Wild

- Used fish vector to aggregate dense SIFT features into GMM.
- Compressed fish vector by linear projection function and implemented SVM.

Rochester, NY
03/2016-05/2016

Predicting Yelp Ratings Based on Social Network

- Implemented collaborative filtering algorithm in Python.
- Revised the algorithm by rounding and introducing friends' influence.

Rochester, NY
03/2016-05/2016

SKILLS

Languages: Java, Python, C++, JavaScript, PHP, Shell Script, Matlab
Web: Django, Angular2, Knockout, HTML, CSS, jQuery, Bootstrap, TypeScript
Database: MongoDB, MySQL, SQLite
Mobile: Android, XML
Others: Git, AWS EC2/EMR, Spark, Linux

ADDITIONAL INFORMATION

Github: <http://github.com/tiechengsu>
Linkedin: <https://www.linkedin.com/in/tiecheng-su-72665bb6/>