Rui Wang

Software Engineer at Instagram

Summary

Focusing on machine learning and information retrieval. Interested in playing with large data and developing innovative search and discovery applications.

Experience

Software Engineer at Instagram

July 2016 - Present

  Instagram Ranking/ML

Software Engineer at Facebook

July 2016 - Present

Software Engineer (Search & Data Mining) at Yelp

August 2014 - July 2016 (2 years)

  Search Team: Improving the quality of Yelp's dataset by building information retrieval/machine learning
  systems.
  - Machine learning based ranking model for business matching, business deduplication etc.
  - Automated chain business detection.
  - Auto-categorization for businesses

  Ads-targeting team: Modeling and data engineering
  - Building an unified feature data pipeline to support multiple ML models

Software Engineer Intern (Search and Discovery) at Amazon

May 2013 - August 2013 (4 months)

  Worked with KPEX(Key Phrase EXtraction system) team in Search and Discovery Unit.
  Prototyped a recommendation system by leveraging facet data in order to improve the coverage of current
  "People bought this also bought" feature.

Research & Development Intern at NeuStar, Inc.

June 2012 - August 2012 (3 months)

  Visualized and analyzed DNS traffic data stored in the Hadoop cluster;
  Designed and developed UltraDNS Monitor which enables analysis across multiple data attributes and
  examination of DNS traffic count;
  Pre-processed data and managed storage format to obtain better query performance.

Research Assistant at University of Illinois at Urbana-Champaign

May 2011 - January 2012 (9 months)

Data and Information Systems Research Laboratory, UIUC

• Worked on the research project of Twitter users' Location Prediction

• Assisted proposing Unified Influence Model of Tweeting and Following Networks

• Performed experiments on content-based geo-locating model

Software Developer at University of Illinois at Urbana-Champaign

May 2010 - August 2010 (4 months)

Photran, UIUC

• Programmed refactoring tools for Photran as an Eclipse's plugin

• Developed new database for Photran refactoring engine, made it over 200% faster than the old one

Education

University of Illinois at Urbana-Champaign

Master of Science (M.S.), Computer Science, 2012 - 2014

University of Illinois at Urbana-Champaign

Bachelor's degree, Computer Science, 2009 - 2012

Beijing No 8 Middle

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Linked in.

Contact Rui on LinkedIn