A n g e l a   J i a n g

Education

Carnegie   Mellon   University
Computer Science Department
First year PhD student

Northwestern University
B.S., Computer Science
Graduated: June 2014
GPA: 3.516 on a 4.0 scale

Research Experience

Carnegie Mellon University; PDL; Research Assistant   Fall 2015-Current

- Research in scheduling datacenters
- Advised by Prof. Greg Ganger

Northwestern; AquaLab; Undergraduate research assistant   Spring 2014-Current

- Research in large-scale distributed systems and networking
- Advised by Prof. Fabian Bustamante

Research Projects

Scheduling in heterogeneous datacenters;
I have recently started exploring ways to predict job runtime depending on the hardware it is runs on. This can better inform a scheduler that takes into account heterogeneous hardware.

cliq: A distributed social news site;
We design and build **cliq**, a fully decentralized social news site. Unlike other media, social news depends on users to upload content, vote, and ultimately determine what content is news. However, we observe that centralized architectures of existing curators lead to potential content bias and data aggregation of users. This is particularly damaging to the "Web democracy" that social news sites try to provide. The goal of cliq is to provide a social news site that is resilient to both issues. Our second contribution is a large-scale analysis of reddit, used to inform our design of cliq.

Publications

A cliq of content curators
A. Jiang, Z. Bischof, F. Bustamante.
Poster in Proc. of ACM SIGCOMM 2014   **Best Undergraduate Poster**

Professional Experience

Groupon; Software Developer   Fall 2014-Current

- Builds system to process 150K msg/sec of streaming A/B testing data
- Using clojure, Kakfa, Storm and Redis

Amazon; Software Developer Intern   Summer 2013

- Designed and implemented data visualization tool for click stream data

DSC Logistics; IT Intern   Summer 2012

- Involved with design of a new employee intranet

Awards

ACM Student research award - SIGCOMM 2014
First place - undergraduate category
A cliq of content curators

☎ (616) 635-9604
⚲ angelahjiang.com
✉ to.ajiang@gmail.com

GHC 5000 Forbes Avenue
Office 7701
Pittsburgh, PA 15213

A n g e l a J i a n g

Dean's list - high honors
Fall 11, Fall 12

Dean's list
Spring 12, Fall 13, Winter 14

Skills

- Primary Languages: Clojure, Python, Go, C
- Other: Storm, Kafka, Redis, PlanetLab

Leadership and Volunteer Experience

Girls Who Code; Mentor   June-Aug. 2015

- Met 1-2 times weekly to discuss career development
- Helped mentee with Girls Who Code coding project

SIGCOMM 2014; General volunteer   Aug. 2014

NUSTARS; Educational Chair   2012-2014

- In charge of educational outreach for Northwestern's NUSTARS student group
- Annual minimum outreach of 100 students and educators

Computer Science in Haiyang;   2011-2013

- Started summer computer camp in Haiyang, China
- Integrated summer lessons into first computer course in Haiyang High School

☎ (616) 635-9604   GHC 5000 Forbes Avenue
🐪 angelahjiang.com   Office 7701
✉ to.ajiang@gmail.com   Pittsburgh, PA 15213