Jinfeng Lin
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Education

- **Brandeis University** — Waltham, MA
  M.A.Computer Science — *Sep 2014- Dec 2015*
- **Northwestern Polytechnic University** — Xi An,China
  B.A.Computer Science — *Sep 2010-Dec 2014*

Skills

Language: Java, C/C++, Python, Ruby, LaTeX, Lisp,Rust

Database: SQlite,Postgres, Mysql

Framework: Sinatra,Hadoop,Maven,Mahout,Android

Experiences

- **Abertstwyth University** — Aberystwyth, United Kindom
  Exchanging Researcher — *Dec 2013- Aug 2014*
  - Worked in the computatoinal biology lab with Prof Amand Clare and Prof Mark Neal
  - Studied the bacteria immunity mechanism against virus, developed optimization and classification algorithm
  - Implemented with C/C++, test the algorithm performance on yeast genome data set
- **Alibaba Group** — HangZhou, China
  Visiting Faculty — *Jun 2013 - Aug 2013*
  - Did research on the recommendation system, including user based and item based algorithm.
  - Analysed the merits and short comes of new form of recommendation like pinterest, amazon
  - Made report for the whole group and make suggestion on recommendation to improve the Aliexpress.com.

Projects

- **Profession Classification with Hadoop** — Brandeis University
  Sep 2014
  - Extracted people's description from wikipedia using cloud9 package, on 40GB of raw xml date
  - Cleaned data by tokenizing,removing stop-words, stemming using snowball package
  - Classfied with twisted naive bayies algorithm to fit in hadoop, get highest accuracy among nearly 50 teams
- **Nanotwitter For Scale** — Brandeis University
  Oct 2014
  - Based on Sinatra framework with ruby, deployed on Heroku and load tested by Loader.io
  - Mocked Twitter's functionality and scalability, capable of holding more than 500 users on single node simultaneously
  - Using HTML, CSS, Bootstrap for webpage design
- **SQL Server query optimizer** — Brandeis University
  Oct 2014
  - Reordered the join order of relations within the query to minimize the estimated cost returned by the cost model of SQL Server.
  - Using top-down approach.Tested on TPC-H dataset with default size 1GB, developed with java.