Jerry Wang                                             17 Rich St Waltham, MA 02451

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## Education

**Brandeis University,** Waltham, MA                         February 2017
  - Masters in Computer Science                             G.P.A  3.2

**University of Connecticut**, Storrs, CT                    May 2013
  - Bachelors in History, Honors Scholar                    G.P.A  3.5

## Skills
  - Programming languages: Java (fluent), Python (fluent), Ruby (prior experience), C(prior experience)
  - Key technologies: Hadoop, Ruby on Rails, Github

## Experience

Software Projects:
  Github profile: https://github.com/notimeleft

  - Campus GPS: built Rails web application that generates text directions for the user based on Dijkstra's shortest path algorithm. Uses Google maps API to generate overhead map with red line marking shortest path given points A and B.

  - Item recommendation via Spark: Implemented collaborative filtering, item-based recommendation via the ALS algorithm to find the ten most similar items to a single given item from a list of Amazon reviews. The program is run as a Spark job on Brandeis CS Dept Cluster.

## Relevant Courses

  - Software Engineering/Capstone project:
      - project using Ruby on Rails framework, javascript, Github, Google Maps api and deployed using Heroku.
  - Big Data Analysis:
      - text analysis using Hadoop, MapReduce, bayesian classifiers, mahout, Spark
  - Information Retrieval:
      - implemented inverted index, vector space model, results ranking on corpus of documents.
  - Data Structures & Fundamentals of Computing:
      - self-balancing trees, hashing, recursion, algorithmic thinking
  - Operating Systems:
      - implementation of Unix command line, multithreaded programming, file systems

  - Offered TA position for Operating Systems