Paul Gibbons

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EDUCATION

University of Illinois at Urbana Champaign   *IL, Aug 2013 - Dec 2016*
Bachelor of Science in Computer Science
GPA: 3.94/4.0

EMPLOYMENT

Goldman Sachs   **Summer Technology Analyst**   *NY, May 2016 - Aug 2016*
- Built an internal equity derivatives information display
- Implemented with React.js, Redux, SockJS, Vert.x java server
- Gathered requirements and design inputs from traders and engineers

Adobe   **Software Engineer Intern**   *CA, May 2015 - Aug 2015*
- Wrote integration tests for real time bidding against rest API,
  master database, client-side pixel tracking, and test ad exchange
- Tested database syncing scripts using Python & SQL
- Participated in Agile meetings with develepors, qa, and program managers
- Increased controller package line coverage by 30% using Mockito

Interactive Intelligence   **Software Engineer Intern**   *IN, May 2014 - Aug 2014*
- Wrote C# to parse internal XML Documentation to code generate
  a client facing java library which made HTTP calls to rest API
- Participated in weekly team status meetings
- Expanded the internal javascript framework

University of Illinois   **CS 125 Course Assistant**   *IL, Jan 2014 - May 2014*
- Helped first time coders program and debug Java applications
- Demonstrated object oriented programming concepts
- Taught students how to use subversion, Eclipse tools

PROJECTS

Coreference Resolution System   *Jan 2016 - May 2016*
- Worked on Coreference system in a team NLP project
- Used structured perceptron with L3M, custom loss and inference functions
- Made dynamic HTML pages for cluster visualization

Stock Correlation Calculator   *Apr 2015 - May 2015*
- Created web application to calculate correlation matrix of stocks
- Hosted on Google App Engine at https://uiucfipy.appspot.com/
- Used YQL for financial data and threading to make concurrent requests

SKILLS

Python	Scikit-learn, Numpy, Google App Engine	*Proficient*
Java	Object-Oriented Programming, Eclipse	*Proficient*
C	PThreads, Sockets, OpenMP, MPI	*Moderate*
Javascript	ES6, JSON, Sockets, React, JQuery	*Moderate*