

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
- Decreased information latency from 120 seconds to 15 seconds
- Implemented with React.js, Redux, SockJS, Vert.x java server

Adobe Software Engineer Intern

CA, May 2015 - Aug 2015

- Wrote integration tests for real time bidding engine including rest APIs, databases, tracking pixels, and test ad exchanges
- Tested database syncing scripts using Python & SQL
- Participated in Agile meetings with developers, qa, and project 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 internal javascript framework's synchronous offerings

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	<i>Proficient</i>
Java	Object-Oriented Programming, Eclipse	<i>Proficient</i>
C	PThreads, Sockets, OpenMP, MPI	<i>Moderate</i>
Javascript	ES6, JSON, Sockets, React, JQuery	<i>Moderate</i>