

JoshuaFriedman PhD

Data Scientist

contact

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<http://www.smith.com>

science

computational biology
magnetic resonance
synthetic biology
dna damage repair

programming

♥ JavaScript
Python, C++, PHP
CSS3 & HTML5

programming

♥ **python:** scikit-learn, pandas, numpy, scipy, flask, matplotlib, cython **database:** mysql, json, mongodb, hdf **c++:** boost, **web:** html, javascript, d3 **general:** git, regex

education

2005–2011 **PhD** Biophysics **Johns Hopkins University**
Authored 8 research publications (Nature, Biochemistry, JACS, *et al.*) | Published book on DNA repair | Granted US patent for MRI technology.

2001–2005 **BS** Biochemistry & Molecular Biology **Pennsylvania State University**
Specialization in Commerce

experience

Full Time

2012–Now **LEHMAN BROTHERS** Los Angeles, California
1st Year Analyst
Developed spreadsheets for risk analysis on exotic derivatives on a wide array of commodities (ags, oils, precious and base metals), managed blotter and secondary trades on structured notes, liaised with Middle Office, Sales and Structuring for bookkeeping.
Detailed achievements:

- Learned how to make amazing coffee
- Finally determined the reason for PC LOAD LETTER:
 - Paper jam
 - Software issues:
 - * Word not sending the correct data to printer
 - * Windows trying to print in letter format
 - Coffee spilled inside printer
- Broke the office record for number of kitten pictures in cubicle
- Learned how to make more amazing coffee on a new machine

Part Time

2010–2011 **LEHMAN BROTHERS** London, United Kingdom
Summer Intern
Received pre-placed offer from the Exotics Trading Desk as a result of very positive reviews. Rated "truly distinctive" for Analytical Skills and Teamwork.

2008–2009 **Buy More** Burbank, California
Computer Repair Specialist
Worked in the Nerd Herd and helped to solve computer problems by asking customers to turn their computers off and on again.

awards

2011 **Postgraduate Scholarship** School of Business, The University of California
Awarded to the top student in their final year of a Bachelors degree. Mastered the art of filing accurate TPS reports.

communication skills

2011 **Oral Presentation** California Business Conference
Presented the research I conducted for my Masters of Commerce degree.

2010 **Poster** Annual Business Conference, Oregon
As part of the course work for BUS320, I created a poster analyzing several local businesses and presented this at a conference.

interests

professional: data analysis, company profiling, risk analysis, economics, web design, web app creation, software design, marketing **personal:** piano, chess, cooking, dancing, running

publications