

**Andrew Lawrence Mehler**  
<http://www.cs.sunysb.edu/~mehler>  
10 Hunting Hill Rd, Woodbury, NY 11797  
516-521-2849  
[mehler@cs.sunysb.edu](mailto:mehler@cs.sunysb.edu)

---

## Research Interests

Network Science, NLP, Algorithms, Combinatorics.

## Education

Cornell University: Bachelor of Science, May 01

- Double Major: Computer Science / Electrical Engineering
- GPA: 3.75. Magna Cum Laude
- Dean's List, Tau Beta Pi, Eta Kappa Nu

Cornell University: Masters of Engineering, August 02

- Structured Light Stereo Vision Project
- GPA: 3.63

Stony Brook University: Ph.D., January 04 – Present

- Advisor: Steven Skiena (may contact at: [skiena@cs.sunysb.edu](mailto:skiena@cs.sunysb.edu))
- Research: Algorithms, NLP, Text Processing, Social Network Analysis
- GPA: 3.91

## Publications

“*Call Admission Control Algorithm for pre-stored VBR video streams,*” Multimedia Systems Journal (MMSJ) (Submitted).

“*Spatial Analysis of News Sources,*” IEEE Transactions on Visualization and Computer Graphics, vol. 12, no. 5, pp. 765-772, Sept/Oct, 2006.

“*Improving Usability Through Password-Corrective Hashing,*” String Processing and Information Retrieval (SPIRE) 2006, pp. 193-204. (Best paper Stony Brook GRC 2006, Data Structures Track)

“*Identifying Co-referential Names Across Large Corpora,*” CPM 2006, pp. 12-23.

## Work

**Stony Brook University**, Stony Brook NY Jan '04 – Present  
*Research Assistant*

- Lydia Project: Large scale information extraction system from text sources. (visit [www.textmap.com](http://www.textmap.com) for full project detail)

*Teaching Assistant*

- CS213: Foundation of Computer Science (Sp04 / Fa04)

**Google** May '07 – Sept. '07  
*Software Engineer Intern*

- Worked on enhancing the book reader in books.google.com.
- Developed a system to interactively browse the network of people appearing in books.

**United States Department of Defense** May '06 – Sept. '06  
*Summer Intern*

- Researched Minimally Supervised Named Entity Recognition.

**University of Illinois at Urbana Champaign** Sept. '02 – May '03

*Teaching Assistant*

- AV1397: Intro to Artificial Intelligence (Fa02 / Sp03)

**Cornell University** August '01 – May '02

*Teaching Assistant*

- ECE475: Computer Architecture (Sp01)
- ECE314: Intro to Computer Architecture (Fa02)

**GrammaTech Inc.**, Ithaca NY

Oct. '00 – August '01

*Software Developer*

- Developed features of Codesurfer Software (A program analysis tool)
- Improved Structure Analysis, Object Oriented Capabilities, Machine Code Analysis