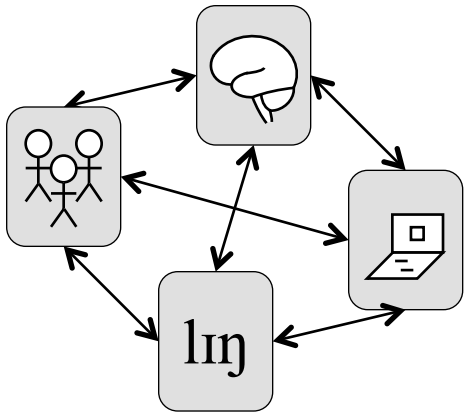


# A. Conrad Nied

anied@cs.washington.edu
+1 503 267-2849
http://www.youtube.com/user/arcturus12

## OBJECTIVE

Interested in full-time summer internship in:
*Computational Ethnography, Machine Learning, Data Mining, Statistical Analysis, Human Computer Interaction, Cognitive Science, Social Computing, Semantic Web.*

I worked in linguistic neuroscience from 2010 to 2013. I found the content incredibly interesting but too distant from application. Thereby, I am back in computer science to build better ways for us to interact with each other. This leads me to the tasks of creating models and crunching data to analyze how we interact across digital media, then creating novel, meaningful platforms for human-to-human interaction.

## EDUCATION

2013 – Present
*Ph.D. Student in Computer Science and Engineering*
**University of Washington**, Seattle, WA
Area: Human-Computer Interaction, Artificial Intelligence
Advisors: James Fogarty, Dan Weld

2007 – 2011
*B.A. in Computer Science with minor in Anthropology*
**Boston University**, Boston, MA
GPA: 3.75/4.0, Magna Cum Laude
Advisors: John Byers, Evimaria Terzi

## CONFERENCE PRESENTATIONS

2012 [C. 2] David W. Gow, **A. Conrad Nied** (November 2012) *Phonotactic Effects Come From the Top-Down: Evidence From Granger Analysis of Multimodal Imaging Data.* Psychonomic Society Annual Meeting, Minneapolis, Minnesota

2012 [C. 1] **A. Conrad Nied,** Seppo P. Ahlfors, David W. Gow (May 2012). *Top-down influences produce a regressive phonotactic effect in speech perception.* ICCNS: International Conference on Cognitive and Neural Systems, Boston, Massachusetts

## POSTER

2012 [P. 2] David W. Gow, **A. Conrad Nied**, Seppo P. Ahlfors (August 2012). *A graphic user interface-based automated processing stream for Granger*

*analysis of source space reconstructions of MEG/EEG data.* International Conference on Biomagnetism, Paris, France.

2010 [P. 1] **A. Conrad Nied**, Evimaria Terzi (April 2010). *Simulating Influence on a Global Scale.* New England Undergraduate Computing Symposium, Boston, Massachusetts.

## TEACHING EXPERIENCE

2013 **Data Structures and Algorithms** (CSE373) *Fall 2013*
University of Washington, Computer Science and Engineering
**Teaching Assistant** for Dan Grossman

## PROFESSIONAL EXPERIENCE

2011 – 2013 **Massachusetts General Hospital**, *Neuropsychology Lab*, Boston, MA
*Clinical Research Coordinator*
Principal Investigators: David Caplan, David W. Gow
Decoded the physiological neural network of language by conducting linguistic MRI/MEEG experiments and writing interactive software to process the signals into causality analysis between regions of interest.

2010 – 2011 **Boston University**, Sargent College *Speech Lab*, Boston, MA
Undergraduate Research Assistant
Principal Investigator: Frank Guenther
Explored **unsupervised neural network** learning of phonological categories and applied machine learning to EEG signals.

## OTHER EXPERIENCE

2010 – 2011 Resident Assistant at Boston University
2009 – 2010 Media Assistant (Classroom AV Tech Support)
2009 – 2010 Comptroller for Boston Model United Nations Conference

## SKILLS

*Programming* Matlab, Python, Java, easily adaptable
*Techniques* Unsupervised Machine Learning, Interactive & Visual Analysis
*Natural Languages* Native English, Intermediate Spanish, German
*AFK* Salsa Dancing, Cookie Baking, Board Gaming