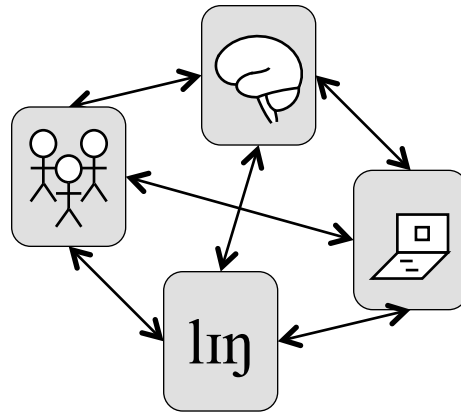


A. Conrad Nied

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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

JOURNAL PUBLICATIONS

2014 [J. 1]

David W. Gow, **A. Conrad Nied** (January 2014) *Rules from Words: A Dynamic Neural Basis for a Lawful Linguistic Process*. PLoS ONE 9(1): e86212. doi:10.1371/journal.pone.0086212

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

POSTERS

- 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, C#
Techniques Unsupervised Machine Learning, Interactive & Visual Analysis
Natural Languages Native English, Intermediate Spanish, German
AFK Salsa Dancing, Cookie Baking, Board Gaming