

Noah Coccaro, PhD

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EDUCATION:

- 8/94 - **University of Colorado at Boulder**, Boulder, CO
5/04 Ph.D., Department of Computer Science.
Awarded National Science Foundation Graduate Fellowship Competition Honorable Mention.
- 9/87 - **Northwestern University**, Evanston, IL
6/91 B.A. with Honors. Double Major: Computer Studies and Psychology.
Computer Studies GPA 3.7/4.0, Psychology GPA 3.6/4.0.
Participant in Senior Honors Research Program. Dean's List.

EXPERIENCE:

- 8/96 - **Graduate Research Assistant**, University of Colorado at Boulder, Linguistics Department
5/03 Current research involves integrating a long distant semantic based statistical language model with classic N-gram language models for speech recognition.
- 6/97 - **Research Team Member**, CLSP Workshop '97, Johns Hopkins University, Center for Language and
8/97 Speech Processing
Participated in the dialog modeling research group. Developed dialogue based language model, dialogue prediction model, and tools for linguists to verify agreement for hand tagging of Switchboard corpus.
- 5/96 - **Employee**, Berdy Medical Systems, Boulder, CO
8/96 Developed software to track dialogue progress for automated medical transcription system.
- 5/95 - **Summer Intern**, Apple Computer, Cupertino, CA
8/95 Developed and experimented with class based language models for LVCSR. Began development of LSA based language model.
- 5/93 - **Research Programmer**, Carnegie Mellon University, Center for Machine Translation
8/94 Developed speech to speech translation system involving German and English. Wrote parsing and generation grammars for both languages. Created symbolic, stochastic, and connectionist tools to aid in translation and disambiguation.
- 2/92 - **Research Programmer**, Universität Karlsruhe, Karlsruhe Germany, Department of Computer Science
5/93 Same research project as described above. Learned German as well.

SKILLS SUMMARY:

Programming: C++, C, PERL, LISP, shell scripting.
Operating Systems: Unix, MS-DOS and MS Windows, MacOS. Linux system administration skills.
Languages: English (native speaker), German, French, some Italian.