

- Presented “A Formal Foundation for XrML” as an invited speaker of the Security Seminar at the University of Pennsylvania. Also presented this work at Microsoft Research Laboratories in Cambridge and at Princeton University. All talks given in 2004.
- Presented preliminary research on policy specification languages at Microsoft Research Laboratories in Cambridge, 2002.

RELEVANT EXPERIENCE

Research Assistant

Cornell University, Formal Methods Group, Ithaca, NY (1/00 – present)

- Developed languages for reasoning about policies. See research statement for details.

Sandia National Laboratories, Cyber Defense Group, Livermore, CA (6/00 – 8/00)

- Analyzed network vulnerabilities and recommended improvements.

Cornell University, Reliable Systems Group, Ithaca, NY (8/98 – 5/99)

- Designed and implemented a high performance, relatively transparent toolkit for multiple reader, single writer shared objects, using Active Messages. This work was presented at BOOM 2000. See <http://www.cs.cornell.edu/clusters/actoolkit> for details.

Cornell University, Digital Signal-Processing Laboratory, Ithaca, NY (6/95 – 8/95)

- Designed and tested compression schemes for MPEG bitstreams.

Software Engineer

Cirrus Logic, Inc., Bellevue Design Center, Bellevue, WA (1/97 – 12/97)

- Member of the display driver team, specializing in optimization.

Hardware Engineer

Cirrus Logic, Inc., Bellevue Design Center, Bellevue, WA (7/96 – 1/97)

- Member of the design team for the next-generation graphics chip.

REFERENCES

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