

**Joseph P. Near**  
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## Education

- **B.S. with Honors, Indiana University, Bloomington, IN** expected 2008
  - Major: Computer Science; minors: Math, Business
  - Overall GPA: 3.91, Major GPA: 4.0
- **Standardized Test Scores**
  - GRE: 610 verbal (87%) / 780 quantitative (90%) / 4.5 analytical writing (54%) 9/2007
  - Computer Science GRE: 770 (65%) 4/2007

## Honors and Awards

- **Member, Phi Beta Kappa** 2007
- **Undergraduate Instructor of the Year** 5/2007
  - Department of Computer Science
- **Research Grant: Hutton Honors College** 6/2004
  - *An Open Platform for Wearable Computing*

## Work History

- **Undergraduate Instructor** 8/2005 - present
  - Computer Science C311: Programming Languages
    - taught discussion sections and graded student work
- **Summer Camp Instructor** 6/1998 - 9/2007
  - Bloomington Montessori School
    - worked with students in grades 4-7 during the summer
    - taught courses in Python, Q-BASIC, image manipulation, and video editing
- **Webmaster** 3/2001 - 7/2002
  - Johnson Center for Entrepreneurship & Innovation
  - Kelley School of Business, IU

## Research Interests

Design, implementation, and applications of functional programming languages; logic programming; automated theorem proving.

## Current Research

$\alpha T^A P$ : A Purely Relational Theorem Prover. With Daniel P. Friedman. Working paper, Computer Science department, Indiana University.

## Early Education

- **Bloomington Montessori School** preschool-grade 6
- **St. Charles Middle School** grades 7-8
- **Bloomington High School South; GPA: 3.96** grades 9-12