

# HEBI LI

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## EDUCATION

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### Iowa State University

PhD Student in Department of Computer Science

Aug. 2014 - Present

### University of Science and Technology of China

B.E. in Electrical Engineering

Aug. 2010 - Jun. 2014

## RESEARCH AREA

- Artificial Intelligence (AI), Causality
- Natural Language Processing (NLP)
- Programming Languages (PL)

## PROGRAMMING SKILLS

- Lisp & Scheme
- C/C++
- Python

## RESEARCH PROJECTS

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### Artificial Intelligence

Spring 2018 - Present

**Hebi Li**, Qi Xiao, Shixin Tian, and Jin Tian. "Purifying Adversarial Perturbation with Adversarially Trained Auto-encoders." arXiv preprint arXiv:1905.10729 (2019).

Shixin Tian, Ying Cai, **Hebi Li**, and Jin Tian, "Making Images Resilient to Adversarial Example Attacks", in submission, 2019

### PL: Demand-driven Dynamic Program Analysis

Summer 2015 - Spring 2018

Description: We developed a framework that runs programs on-demand. It analyzes a buggy program and generates a much smaller partial program that retains the same bug. This approach avoids running time overhead in traditional full-program analysis.