

# Zipeng Zhang

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## 🎓 EDUCATION

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**University of Science and Technology of China (USTC)**, Hefei, China 2010 – Present  
*Ph.D candidate* in School of Computer Science and Technology (CS) , expected June 2016

**University of Science and Technology of China (USTC)**, Hefei, China 2006 – 2010  
*B.S.* in School of Computer Science and Technology (CS)

## 👤 EXPERIENCE

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**Android Apps Checker** 2014 – Present

*Maintainer* Research Projects

A tool to analyze the applications in android and point out the leakage point if they sneak the privacy stored in the phone.

- Design and implement the whole system
- The features include:
  - Find all leakage points within an individual application
  - 29.1% false positive
  - Support to check privacy leakage through cooperation among applications
  - Build on top of Soot

**Music Switch** May. 2015 – Present

*Maintainer* Individual Projects

An extension of chrome to easily switch songs played in some websites, [git@github.com:tinyfox266/MusicSwitch.git](https://github.com/tinyfox266/MusicSwitch).

The features include:

- Switch music when you are browsing any page in chrome
- Support to play/pause current song, play next song and previous song

**A Simplified Android Model** 2013 – 2014

*Maintainer* Research Projects

A core typed language to describe Android applications, and to reason about their data flow security properties.

- Design the core language
- Design all the checking rules
- Prove the security property in Coq

**A Structural Approach to Prophecy Variables** 2012 – 2013

A language-based structural approach to define the semantics of prophecy variables. we propose a new language construct, future blocks, that allows structural use of prophecy variables to refer to events in the future.

## ⚙️ SKILLS

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- Programming Languages: Java
- Platform: Linux
- Others: Coq, Soot

## ♡ HONORS AND AWARDS

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Suzhou Industrial Park, Dushu Lake Scholarship

2012