

# Zihao Zhu

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Andrews Residence Hall, 2401 Whitis Avenue, Austin, TX 78705

## Education

**University of Texas at Austin**, Austin, TX

**Expected Graduation Date:** May 2018

- Sophomore
- Bachelor of Science in Computer Science
- Business Foundation Certificate
- Current GPA:3.978

## Skills

**Languages:** Proficient in Java, Knowledgeable in Python, Exposure to Swift/Android Studio

**Web:** Exposure to JavaScript,Html/Css,Node.js,php

## Work Experience

**Sarah Simmons Cell Signaling Research Laboratory**

Sept 2014 – Now

- Mentor
- Conducted research on the cell signaling process of Arabidopsis root hairs through analyzing Apyrase 1 and Apyrase 2
  - Used imageJ to analyze large sets of data of root hair growth to provide insights on the effect of eATP on plant cell signaling

## Organizations

**Association for Computing Machinery**

2015– Now

Participate in local programming competitions and discuss computer science academia

**Competitive Programming**

2015– Now

Attend local competitions, practice problem sets, and collaborate with colleagues

**Freshman Research Initiative**

2014– Now

Conduct research on cell signaling process of Arabidopsis

## Relevant Coursework

- Data Structure and Algorithms
- Discrete Math
- Matrices and Matrix Calculations
- Number Theory(Current)
- Computer Organization and Architecture(Current)
- Web Development (Current)

## Planned Coursework

- Principle of Computer System(OS)
- Algorithm
- Network/Data Mining

## Interests

Software development, Competitive Programming, Music, Ultimate Frisbee