



Alan Gan

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## Education

Expected May 2019

University of Illinois at Urbana-Champaign, B.S., Computer Science

## Coursework

Introduction to Computer Science

University Physics: Mechanics

Elementary Arabic I

Calculus III

## Professional Experience

**INTERN, CUNY REAP PROGRAM, NEW YORK**

**JUNE - AUGUST 2013**

Collaborated with college transfer students to analyze the ARDrone SDK to program the drone to respond to custom commands sent from an iPhone.

**INTERN, DOUBLEBRIDGE TECHNOLOGIES, PRINCETON, NEW JERSEY**

**JUNE - AUGUST 2014**

Developed a program that visualizes tree structures based on formatted input, and coordinated with professionals on implementing the program.

## Extracurricular Leadership

**KNIGHT OWLS ALL-MALE A CAPPELLA**

**SEPTEMBER 2014 - JUNE 2015**

*President*

- Coordinated and directed rehearsals among a group of students aimed at learning several pieces of music.
- Communicated with supervisor on logistics regarding run-throughs and shows.

**STAGE CREW**

**SEPTEMBER 2013 - JUNE 2015**

*Co-Chief*

- Led and instructed students on the principles of designing and constructing a large set for annual fall and spring stage productions.

## Personal Projects

**TREE VISUALIZER**

A program that converts a formatted text tree into a tree diagram.

**AL-JUMP**

A game developed in Java that simulates a ball bouncing on continually falling platforms, implementing real physics principles.

## Skills

Comfortable with Java, HTML, PHP, Javascript and CSS. Fluent in English. Mandarin and German.