



Alan Gan

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Education

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

Expected May 2019

GPA: 3.87/4.00

Coursework

Introduction to Computer Science Discrete Structures Applied Linear Algebra
Data Structures Calculus III

Awards and Honors

- Dean's List 2015-present
- SRI National Merit Award Scholarship 2015-2016

Professional Experience

INTERN, CUNY REAP PROGRAM, NEW YORK

JUNE - AUGUST 2013

- Collaborated with college transfer students to analyze the ARDrone SDK, programming a drone to respond to custom iPhone commands.

INTERN, DOUBLEBRIDGE TECHNOLOGIES, PRINCETON, NEW JERSEY

JUNE - AUGUST 2014

- Coordinated with team members to develop a program that visualizes tree structures based on formatted input.

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, Python, PHP, Javascript, CSS, and HTML.
- **Fluent:** Mandarin. **Working proficiency:** German, Italian. **Elementary:** Turkish, Arabic