

David Xiwen Wang

402 Chanticleer Ln
Hinsdale, IL 60521
630-408-4389
dxwang3@illinois.edu

Objective

Obtain meaningful instruction in computer science and mathematics as to be at the forefront of advancement and expansion of these fields.

In the short term, I hope to apply my abilities in math and logic in internships that will ultimately allow me to develop these skills in a context specific to computer science.

Skills

1. Strong affinity for mathematics and logical reasoning.
2. HTML, CSS, and basic knowledge of Javascript application
3. Basic Java experience
4. Proven leadership skills in running student music group.
5. Strong Writing skills

Work Experience

Sep 11 - Apr 12

Student Researcher (2011-2012)

Fermilab

Dr. Mark Fischler

10 Hrs/Week

I helped Dr. Fischler perform research into the combinatorial game Angels. We found limits on the smallest board size required to trap a chess knight using two devils per turn as well as pushed the boundaries of the minimum number of devils need to perform the task.

Extracurricular Activities/Awards

Science Olympiad Team

Grade 9

I was a member of Hinsdale Central High School's Science Olympiad team and guided much of the building events.

IMSA Math Team

Grades 10,11,12

3 Hrs/Week

Hinsdale Central Math Team

Grade 9

3 Hrs/Week

Total Hours: 33

Mod 21 Acapella Group (Vocal Percussionist)

Grade 12

Total Hours: 3

Aspiring Artist's Sinfonia (Founder/Principal Flute)

Grade 11

3 Hrs/Week

Science Olympiad Egg-o-naut Event, 3rd Place at State (Grade 9)

ICTM Regional Competition First Place (Grade 11)

ICTM Geometry Division Individual 2nd Place (Grade 10)

ICTM Team 2nd Place (Grade 10)

AIME Qualifier

Grades 9,10,11

Volunteer Counselor (9 hours/week)

415 W. Eighth Street, Hinsdale, IL, 60521

The Community House

Grades 10,11

Education

Aug 2009 - Jun 2010

Hinsdale Township High School Central

55th St. and Grant St., Hinsdale, IL, 60521

Aug 2010 - Present

Illinois Mathematics and Science Academy

1500 Sullivan Road, Aurora, IL, 60506

12th Grade

August, 2013 – Present

University of Illinois at Urbana-Champaign

Music/Artistic Achievement

Protege Philharmonic Flute

Grades 8,9,10

3 Hrs/Week