

Evan M. Gates

Academic Achievements

Los Angeles County Science and Engineering Fair

- 2005, Sweepstakes Award winner (best overall project at fair from all categories) and 1st place Sr. Math & Computer Science, "Rubik's Cube Solving Robot: Year Two"
- 2004, 1st place Sr. Math & Computer Science, "Robotic Implementation of Rubik's Cube Solving Algorithms"
- 2003, 3rd place Sr. Math & Computer Science, "Autonomous Visual Tracking & Trigonometric Parallax"
- 2002, 3rd place Jr. Engineering Applications, "Effects of Spin Stabilization in Amateur Rocketry"

California State Science Fair

- 2005, Silicon Boule Award winner (best technology project at fair from all categories) and 3rd place Sr. Electricity & Electronics, "Rubik's Cube Solving Robot: Year Two"
- 2004, 4th place Sr. Math & Computer Science, "Robotic Implementation of Rubik's Cube Solving Algorithms"
- 2003, LA representative Sr. Math & Computer Science, "Autonomous Visual Tracking & Trigonometric Parallax"
- 2002, 1st place Jr. Aerodynamics & Hydrodynamics, "Effects of Spin Stabilization in Amateur Rocketry"

Medals & Awards

- 2005, Rensselaer Medalist
- 2005, National Merit Commended Student
- 2005, National Science Olympiad, 1st place (school & nation), Physics
- 2002, Winner, National Association of Rocketry Jr. Science Fair, "Effects of Spin Stabilization in Amateur Rocketry"

Advanced Placement Scholar

- Computer Science: 5
- Chemistry: 5
- English Language: 4

Athletic Achievements

Varsity Football

- Team Captain, 2004 & 2005

Junior Varsity Football

- Coaches Award, 2003

Other Activities

Boy Scouts

- Eagle Scout
- Order of the Arrow (Scouting's National Honor Society)
- Patrol Leader

Rocketry

- Member Tripoli and NAR amateur rocketry associations

Summer Course Work

Stanford Summer College 2005 (GPA: 3.8)

- Calculus
- Programming Methodology and Abstractions (Accelerated)
- Intermediate Conversation: French in Everyday Life
- Fencing: Beginning

United States Air Force Summer Science Seminar, 2005

Stanford University Educational Program for Gifted Youth

- Summer 2004, Java Programming / Independent Study
- Summer 2003, Intermediate C Programming

Senior Year
Course Load

Core Academic Classes

- Advanced Placement Calculus BC
- Advanced Placement Physics, Mechanics
- Advanced Placement Physics, Electricity & Magnetism
- Advanced Placement Psychology
- Advanced Placement English Literature
- Advanced Placement French Language

Electives

- Football (Fall)
- Weight Training (Spring)

Junior Year
Course Work

Core Academic Classes (weighted GPA: 4.3)

- Math Analysis/Calculus Honors
- Physics Honors
- United States History
- Advanced Placement Chemistry
- Advanced Placement English Language

Electives

- French IV
- Advanced String Ensemble
- Football (Fall)
- Weight Training (Spring)