

Kevin Anthony Hao

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Education

Boca Raton Community High School

School: Boca Raton Community High School, Boca Raton, FL

Enrolled in Science Technology Engineering and Mathematics (STEM) program

GPA: 3.78/ HPA: 4.9

Class Rank: 61/869

Honors

AP Scholar with Distinction Award {11}

AICE Diploma with Distinction {11}

National Hispanic Recognition Program 2016-17 Scholar {11}

Principal's Gold Award for Academic Excellence {9, 10, 11}

SSTP

Student Science Training Program (SSTP) at the University of Florida {Rising Senior}

- Performed research and wrote a paper entitled "Scanning Micro Light Detection and Ranging Imaging for Autonomous Navigation Using an Electrothermal MEMS Micromirror"
- Published co-author on a paper written by University of Florida Professor Huikai Xie

Dual-Enrollment

Dual-Enrollment at University of Florida {Rising Senior}

- Enrolled in Organs from a Dish: The Possibilities and Realities of Biomedical Engineering Seminar
 - Designed and presented a prototype solution to monitoring osteogenesis post-operation

Dual-Enrollment at Florida Atlantic University {12}

- Enrolled in Introduction to C computer programming

Extracurriculars

Science Olympiad

National Tournament:

- 2nd place in Electric Vehicle {11}
- 3rd place in Robot Arm {11}

Florida State Tournament:

- 1st place in Electric Vehicle {11}
- 1st place in Robot Arm {11}
- 2nd place in Oceanography {11}
- 2nd place in Air Trajectory {10}
- 3rd place in Mission Possible {10}
- 4th place in Scrambler {10}
- 5th place in Entomology {10}
- 6th place in Air Trajectory {11}

Florida Regional Tournament:

- 1st place in Oceanography {11}
- 1st place in Robot Arm {11}
- 1st place in Oceanography {10}
- 4th place in Air Trajectory {11}
- 5th place in Entomology {10}
- 5th place in Air Trajectory {10}
- 6th place in Scrambler {10}

Cypress Falls Invitational Tournament:

- 1st place in Robot Arm {11}
- 5th place in Invasive Species {11}

Massachusetts Institute of Technology Invitational Tournament:

- 1st place in Robot Arm {11}
- 5th place in Air Trajectory {11}

Band

- Member of the Don Estridge High Tech Middle School Jazz Band and Wind Ensemble {6, 7, 8}
 - Recipient of the Louis Armstrong Jazz Award {8}
- Member of the Boca Raton Community High School Jazz Band {9, 10, 11, 12}
 - Section Leader of the Rhythm Section {10, 11}
 - Recipient of the “Most Outstanding Member of the Boca Raton Community High School Jazz Band” {9, 10}
- Performed at the Lakeside Jazz Festival {9, 10, 11}
 - Recipient of the “Most Outstanding Soloist” award at the Lakeside Jazz Festival

Honor Societies

Science National Honor Society {11, 12}

- Elected Vice President {12}

Math National Honor Society {11, 12}

Other Clubs

Salsa Club {11, 12}

- Vice President {11, 12}

Computer Science Club {12}

Community Service

- Palm Beach County Youth Orchestra – Member of the Symphony Orchestra which performed in a multitude of professional venues including the Kravis Center, Mizner Park Amphitheater, and Old School Square. {9, 10}
- Performed in the Pit Orchestra for the production of 42nd Street, The Drowsy Chaperone, and Joseph and the Amazing Technicolor Dreamcoat by the Boca Raton Community High School Theater Department. {9, 10, 11}
- Boca High Band Gift Wrapping Station at the Boca Raton Town Center Mall {10, 11}
- Florida Atlantic University Elementary Science Olympiad Event Supervisor {10, 12}

Skills and Abilities

- Proficient in Computer Aided-Design (AutoCAD), programming languages Java and C, 3D printing, and laser cutting techniques
- Extensive experience working with the Arduino microcontroller
- Skilled musician at Bass, Guitar, Piano, Soprano Saxophone, Alto Saxophone, Tenor Saxophone, and Trumpet.

Work

- Performed Jazz gigs with the Delray Jazz group at Arts Garage, Delray Beach {9, 10}
- AP Biology Tutor {11}