

Blake Hord

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EDUCATION

Dobbs Ferry High School, Dobbs Ferry, NY

International Baccalaureate Diploma expected June 2017

Current GPA 4.55 – High School Valedictorian

WORK EXPERIENCE

California State University Northridge, Origins Labs, *Research Intern* – Northridge, CA – July 2016 - present

Investigated source of infrared emission around young star with theoretical astrophysical modeling.

Research paper expected to be published in scientific journal Spring 2017.

Colonial Springs Pool, *Aquatic Containment Maintenance Advisor* – Dobbs Ferry, NY – August 2014 - September 2015

Served as pool attendant, lifeguard and sole maintenance staff.

CONFERENCES

ExSoCal: An Exoplanet Orbital Interaction – NASA Exoplanet Science Institute, Caltech, Pasadena, CA – September 2016

Speaker and Poster Presenter – *topic: High Mass Planet Spiral Shocks as a Source of Infrared*

Emission in Protoplanetary Disks – (<http://nexsci.caltech.edu/conferences/2016/exsocial/agenda.shtml>)

EXTRACURRICULAR ACTIVITIES

Destination Imagination Team – Grades 6, 7, 8, 9, 10, 11, 12

Student Government – Legislative Branch – Grades 9, 10, 11, 12

Model United Nations – Grades 9, 10, 11

Indoor Track and Field– Grade 9 **Spring Track and Field** – Grades 9, 10

Boy Scout Troop 24 – Dobbs Ferry, NY – Grades 6, 7, 8, 9, 10, 11, 12

Wilderness Club – Grades 10, 11, 12

Boys' Volleyball Club – Grades 10, 11, 12

Peer Tutoring Club – Grade 12

LEADERSHIP

Student Government Legislative Branch – *Secretary, Parliamentarian, President* – Grades 10, 11, 12

Destination Imagination Team – *Co-captain* – Grades 10, 11, 12

National Youth Leadership Training Course - *Troop Guide Staff, Assistant Senior Patrol Leader* – Grades 10, 11

Wilderness Club – *Vice President, President* – Grades 10, 11, 12

Boys' Volleyball Club – *Founder and Captain* – Grades 10, 11, 12

My Eagle Scout Project – completed Spring 2014

Boy Scout Troop 24 – *Senior Patrol Leader, Patrol Leader, Den Chief* - Grades 7, 8, 9, 10, 11, 12

AWARDS AND MEMBERSHIPS

Eagle Scout Award with Two Eagle Palms – earned October 2014 / Grade 10

Regeneron Science Talent Search National Finalist – Grade 12

Siemens Competition National Finalist – Grade 12

National Merit Finalist – Grade 12

National Honor Society, National French Honor Society Member – Grades 11, 12

High Honor Roll – Grades 9, 10, 11, 12 - all quarters

Destination Imagination Team – *New York State and Global Finalist* – Grades 10, 11, 12

COMMUNITY SERVICE

Curious-on-Hudson STEAM Enrichment Program for Grades 3-8 - *Workshop Developer and Leader* – Grade 12

Troop 24 Boy Scouts– *Trail Construction Project Manager* – April-September 2014 / Grade 9

Dobbs Ferry Village Trails Maintenance – Grades 11, 12

Greenburgh Nature Center, Scarsdale, NY – *refurbished outdoor area* – Grade 11

Hudson Valley Honor Flight – *World War II Veteran escort* – Grades 10, 11

Zion Episcopal Church Youth Group – *various projects* – Grades 9, 10, 11

PROGRAMMING PROFICIENCY

Python: proficient

C/C++: good

HTML/CSS: beginner