Will Hord

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WillHord.org **:** (914) 413-5535 : whord@ucsc.edu

Motivated college sophomore computer science nerd with a passion for exploring all things technical, seeking a summer internship in the area of computer science.

Education

University of California Santa Cruz - Baskin School of Engineering
Computer Science Major – Bachelor of Science expected Spring 2023
Dobbs Ferry High School, Dobbs Ferry, NY
International Baccalaureate Diploma - June 2019

Work Experience

IBM Watson Research Center, Research Intern, Yorktown, NY *June 2018 – February 2019*
Conducted two independent Artificial Intelligence research projects resulting in authoring a scientific research paper presented at the SPIE medical imaging conference - February 2019.

Programming Proficiency

Proficient in: *Python, HTML, CSS*   **Familiar with:** *C, C++, Java Script, React JS*   **Exposure to:** *R, C#, PHP, SQL, MATLAB, Swift, Java*

Relevant Academic Courses

College Freshman Year – **CSE 30: Programming Abstractions: Python**
Math 19A: Calculus for Science, Math, and Engineering
Online Courses – Stanford University – CS231N: **Convolutional Neural Networks for Visual Recognition**
Stanford University – CS229: **Machine Learning**
Columbia University – CSMM.101X: **Artificial Intelligence**
High School Courses – **AP Computer Science, Science Research**

Awards and Memberships

Slugbotics – Robotics Club at University of California Santa Cruz
Formula Slug – SAE Electric racing team at University of California Santa Cruz
Westlake Regional Science Fair – 3rd Place – *Testing Quantum Encryption Protocols in Real-life Situations Using Secure Quantum Tunnels*
National Honor Society Member and National Italian Honor Society Member
Dobbs Ferry High School High Honor Roll
International Baccalaureate Award – *Teaching Teachers to Integrate Technology into their Classrooms*
Order of the Arrow Member – National Honor Society of Boy Scouts of America
Boy Scout Troop 24 – Grades 5, 6, 7, 8, 9, 10, 11, 12

Leadership and Extracurricular Activities

My Eagle Scout Project – *Design and creation of an Elementary School Environmental Outdoor Classroom*
Machine Learning High School – *Weekend course dedicated to learning Machine Learning* – Grades 11, 12
Student Government Legislative Branch – *Vice President* – Grade 12
Student Government Legislative Branch – *Grade Representative* – Grades 9, 10, 11, 12
National Youth Leadership Training Course – *Staff – Assistant Senior Patrol Leader* – Grades 9, 10, 11, 12
Boy Scout Troop 24 – *Patrol Leader* – Grades 9, 10, 11
Table Tennis Club – *Founding Member* – Grade 12
Boys' Volleyball Club – Grades 9, 10
Community Service – *Including: Boy Scouts, Zion Episcopal Church, Hudson Valley Honor Flight, Greenburgh Nature Center, Saw Mill River Clean Up, American Legion Post 1048, Village of Dobbs Ferry, Westchester Food Bank, Trails Maintenance*

Skills and Interests

Programming, robotics, hacking, web design, building computers, server management, taking things apart and repurposing technology, camping, SCUBA certified