**Will Hord** 305 Palisade Avenue, Dobbs Ferry, New York 10522

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 –** SAEElectric 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