

296 Corey's Ct  
Vernon Hills, 60061  
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# Maximos Xu

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## SKILLS

### Proficient knowledge in:

- C/C++
- Matlab
- Racket

### Basic knowledge in:

- Python
- Javascript

### Languages:

- English - Native
- Chinese - Proficient in speaking
- Spanish - Basic speaking and writing

## TRAITS

- Genuine curiosity and willingness to learn
- Flexible and adaptable to changes
- Strong communication ability - interpersonal speaking and writing
- Dedicated and collaborative team member
- Excellent customer service skills

## EXPERIENCE

### Knollwood Country Club, Lake Forest, IL – *Honor Caddie*

June 2017 – September 2019

- Assisted club members by caddying and taking care of their clubs and equipment
- Maintained positive relationships with clients by providing knowledgeable facts of course design and history during rounds
- Mentored younger caddies during the beginning of the caddying season

### Vernon Hills Sports Club, Vernon Hills, IL – *Volunteer Coach and Referee*

August 2016 – November 2018

- Volunteered as an offensive lineman coach for a middle school tackle football team
- Helped younger kids achieve their goals in football as well as learn important life skills
- Refereed flag football games of elementary school kids

## EDUCATION

### Northwestern University, Evanston, IL – *Computer Science*

Bachelor of Science, expected June 2023

## Relevant Coursework:

- CS 111 Fundamentals of Computer Science
- CS 211 Fundamentals of Computer Science II
- CS 214 (Spring 2020) Data Structures and Algorithms
- CS 330 (Spring 2020) Human Computer Interaction
- GEN\_ENG 205-1 Engineering Analysis I
- DSGN 106-1 Design Thinking and Communication

## AWARDS

McCormick School of Engineering and Applied Science Honors Fall 2019

## PROJECT

### Design Thinking and Communication

Winter 2019

- Worked in a team of four to create a product to aid a patient with leg paralysis in lifting her legs during transfers from her wheelchair
- Used band saw and heat gun to cut and form thermoplastic PVC
- Documented process of brainstorming, prototype creation, and user testing

### Space Destroyer

Winter 2019

- Worked with a partner to create an arcade style video game in C++ combining Asteroids and Space Invaders
- Used Model-View-Controller design and many concepts in Object Oriented Programming including encapsulation, polymorphism, and inheritance
- <https://github.com/maximosxu/spacedestroyer>

## MUSIC

- Illinois State Music Teachers Association Piano Level 12 - 2019
- Vernon Hills High School Wind Ensemble First Chair Euphonium - 2016 - 2019
- Vernon Hills High School Band Director's Award 2019

## INTERESTS

- Artificial Intelligence
- Video Games
- Football
- Music
- Golf