# Reona Choudhury

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## Objective

Currently a junior looking for opportunities to build on my knowledge in Computer Science as a software developer.

## Education

**University of Michigan** **Ann Arbor**
*Computer Science Engineering* *2023-Current*
*GPA: 3.0*
*Relevant Courses:* Prog&Data Struct, Discrete Math, Data Struct&Algor, Foundations CmpSci

**Wayne State University** **Detroit, MI**
*GPA: 3.83* *2022-2023*
*Relevant Courses:* Intro: C++ Pgmg Lng

## Work and Volunteer

**Gleaners Community Food Bank** **Detroit, MI**
Mobile Distribution 2022-2023
*Worked at 15 different mobile sites around Metro Detroit. Helped about 800 people everyday providing food to those in the community. Developed leadership skills and being able to work and collaborate as a team with fellow coworkers and bosses. Came up with new ideas to better help our community as well as improving efficiency for our roles as workers.*

## Skills

**Programming Languages:** C++, C, Python, React, Angular, Javascript
**Platforms:** Mac OS, Windows OS
**Application:** Microsoft Word, Google Docs

## Projects and Experience

**Resize (C++) (https://github.com/kvho2004/-p2-cv)** **2023**
Developed an image processing application to resize original pictures to a smaller size using c-style structures.

**Euchre (C++) (https://github.com/rpxchoudhury/p3-euchre)** **2023**
Programmed the card game Euchre against AI's. Learning about uses of data structures and efficiently designing code using derived classes and inheritance.

**Linked List (C++) (https://github.com/kvho2004/p4-web)** **2023**
Utilized container ADTs, Dynamic Memory, The Big Three, Linked Lists, and Iterators. Learned how linked lists are better to use in certain circumstances due to it not being contiguous in memory and can easily insert or delete data with linear time.

**Machine Learning (C++) (https://github.com/rpxchoudhury/p5-ml)** **2023**
Identified the subject of posts from the EECS 280 Piazza using natural language processing and machine learning techniques. Gained skills on code efficiency and designing to be able to identify redundant code and what will make my code not slow down.

**MHacks 16** **2023**
Participant