

Jessica Rubin

High achieving student-athlete seeking an entry-level position in Software Engineering.

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EDUCATION & CREDENTIALS

Culver Academies; Culver, Indiana — *Diploma Expected 2022*

Aug 2018-Present

PROJECTS

Motion Capture — *Python, currently working on*

I am currently in the process of making a program that uses motion sensors to detect injuries in the body. I will make a program that will create a 3D rendition of the user's motion. The 3D rendition will show the user's weak areas in their body. This project is a mixture of engineering and coding. We will engineer a product that is simple to use, works for all body types, and is portable. This is a difficult challenge and I am excited for its outcome.

Photo Filter Project — *Python*

Using Python I created a program that allows the users to alter colors of their photos. With my program the user is able to combine, create, and add as many colors as they wish to their photos. Users are able to save or discard their artwork once they are finished.

Karaoke — *Python*

Using Python I created a Karaoke program for the song "Work" by Rihanna. When the program is run, the melody of the song will play and the lyrics will appear. Users are able to read the lyrics as they sing.

Electronic Music — *C++*

Using C++ I made a program that plays the Melody of "Row your boat". This was my very first coding project. It taught me the basics of coding. I chose this song because I am a varsity rower.

Electronic Music — *C++*

Using C++ I made a program that plays the Melody of "Santa Claus Is Comin' To Town". This was another project that taught me the basics of C++.

SKILLS

Coding
Teamwork
Self-Motivation
Dependability
Strong Work Ethic
Fast Learner
Problem Solver
Leadership Experience
Teaching

AWARDS & ACHIEVEMENTS

Honor Roll, grades 6-11

4.0 GPA

Most Dedicated Earned this award because of my work ethic while being on the volleyball team

Varsity Rowing

LANGUAGES

English, Python (coding),
C++(coding)

Activities

Girls Who Code (summer activity)
One year member of Engineering Applications of Computer Science
One year member of the coding club
Three year member of rowing team