

Celine Lafosse

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Summary	Currently working towards a High school diploma to get into college.
Education	Dublin High School Diploma in development <ul style="list-style-type: none">● Average GPA: 3.25● Accepted into Engineering Academy freshman year(2016- present)<ul style="list-style-type: none">○ PLTW Principles of Engineering (2017): mechanisms, energy, electricity, statistics, programming○ Computer Science Principles (2018): coding with multiple different programs● Pre-College classes at Academy of Art in San Francisco (2018- present):<ul style="list-style-type: none">○ Introduction to 3D Modeling and Animation (2018): learning on how to create and animate 3D models in Autodesk Maya
Projects	Mechanical Winch System Simulation (2017) <ul style="list-style-type: none">● Simulates a mechanical winch moving a box up● Within simulation you can adjust the voltage of the winch and how large the wheel is. Solar Hydrogen Vehicle Simulation (2017) <ul style="list-style-type: none">● Simulates a Solar Hydrogen vehicle and how the power source changes the speed● Within the simulation you can adjust how many solar / hydrogen cells you would like within the simulation, in order to see how fast it will move. West point Bridge Design (2017) <ul style="list-style-type: none">● Bridge simulation created within a “Bridge Designer” simulation● Must be under \$300,000 dollars● Must be able to restrain the force of a truck within the simulation. Scratch Game (2018) <ul style="list-style-type: none">● User interaction must be smooth● Must have many ways to complete the level● Levels should have an increase in difficulty 3D model and animation (2018) <ul style="list-style-type: none">● First time working with Autodesk Maya

- Animation must be 5 seconds long
- Character must move all limbs

Skills

Windows Movie Maker, Paint Tool Sai, Scratch, MIT App Inventor, Autodesk Maya, bilingual (spanish and english)