**Daniel Delannes-Molka**

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**Education:**

University at Buffalo, The State University of New York

Bachelor of Science Computer Engineering, Expected May 2020

GPA 3.922/4.0 Dean’s List, 1 Semester

Fox Lane High School Graduated with Honors in 2016

GPA 3.7/4.0 Honor Roll all semesters, Member of the National Honor Society

**Skills:**

Programming Languages: java (eclipse and android studio)

Drafting Programs: Autodesk inventor

Language: Fluent in French

Computer Skills: Microsoft office

**Programming Experience:**

Research Internship: Summer 2017

* Worked for Professor Wenyou Xu in a laboratory setting for 10 weeks of the summer.
* Created a front page from scratch for the 3d printing research team in our lab using html, CSS and JavaScript.
* Using Android Studio, I created an android app to allow caretakers to programmatically add mini-games for the patent to help with rehabilitation; I also installed a Kalman Filter on an app created by another student.

Research: Spring Semester 2017

* Created a program in Java at the request of Professor Wenyou Xu, it grabs photos from google street view images API along a stretch of road from point A to B and stores the images on the computer.
* Project took about a month and was documented in an engineering notebook, I was the sole developer.
* Learned how to use google API’s and GSON.

CSE 115 Final Project: Fall Semester 2016

* Created a candy crush-like game using java in eclipse
* Game could correctly determine 3 ‘candies’ in a row and replace them with the one above and could determine if the game had no more possible matches
* Worked with a basic GUI and implemented model view separation

French Conjugator Project: Spring Semester 2016

* Made a program that asked you to type in a simple sentence in the present tense of French and it conjugated that sentence into the past and future tenses
* Converted simple, present tense sentences into passé compose, imparfait, futur, subjonctif and plus que perfect
* Learned basic computational linguistics and java GUI.

**Leadership Experience:**

* Senior Patrol Leader of Boy Scout Troop 129 for 1 year
* Organized almost all troop events and activities to help the troop learn leadership, teamwork and important skills
* Distributed information to the troop and tallied attendees going to troop events.
* Awarded the Rank of Eagle Scout for completing my Eagle Scout leadership project.
* Built two foot bridges 10 feet long each to cross a stream and created 3D models of them in Autodesk inventor

**Academic Achievements:**

* Engineering Design and Development - a Project Lead the Way course(created by RIT) 2015-2016
* Computer Integrated Engineering - a Project Lead the Way course(created by RIT) 2014-2015
* Principles of Engineering - a Project Lead the Way course(created by RIT) 2013-2014
* Completed Intro to Engineering - a Project Lead the Way course(created by RIT) 2012-2013