111 Bowe Lane
Lagrangeville, NY
845-226-6861

Reilly Q. Curran

curranrq@clarkson.edu
845-702-8482 (cell)
https://github.com/Rancerle

Clarkson University
CU Box 6441
Potsdam, NY

Education:

Clarkson University, Potsdam NY GPA: 3.25/4.0 **May 2019**
Bachelor of Science, Software Engineering/ Masters of Science, Cybersecurity
GIAC GISF Certified **Aug 2017 – 2021**
Certified Cyber-Security Advisor

Technical Experience:

Independent Part Time Contract, Drone Pilot and Site Inspector: BQ Energy **Fall 2014-2016**

- Piloted a quad-copter around solar construction sites in order to check progress of construction and scout future locations
- Later contracts included orders to examine installed panels with a thermal camera lens to check for damage or flaws in design
- Expanded technical skill with a UAV, photos have been used by BQ Energy as well as third parties on several occasions for advertisement

Recipe Buddy (Project through EE 368, Software Engineering) **Spring 2017**

- Application that would allow the user to record recipes and search them based on key words using SQL integration
- Was personally responsible for much of the documentation and creative design in the projects.
- Developed for Android OS using Android Studio

Asci-man/Tic-tac-toe Object Oriented Programming **2016-2017**

- Tasked with developing games of Hangman and Tic tac toe in C++
- Developed both games using recursions and program defined data types
- Tic-Tac-Toe makes use of custom header and implementation files to make program more efficient
- Improved skill in use of object oriented programming, custom data types, and recursions to improve program efficiency

Text Based Word Searcher **Spring 2017**

- Tasked to develop a function to find every instance of a word in a given text and output each instance with context
- Developed a function that used the map and vector data types to store every instance of a word found as well as those around it
- Final project was coupled with text files containing copies of a Sherlock Holmes novel and the Gutenberg Bible for demonstration
- User was able to choose between either text, search any word within, and continue searching until they were done
- Final project produced each instance of the searched word, the context of that instance, and outputted the total number of instances

Engineering and Society Airplane project: Clarkson University **Spring 2016**

- Performed mathematical and physical modeling of theoretical prototypes, assisted in construction of final design
- Presented the final design and testing results in front of a group of other engineering students and provided a successful. demonstration flight, easily achieved all flight goals
- Improved skills in teamwork, mathematical modeling, public presentation, and report authoring

Technical Skills:

Programming in C++, Java, MATLAB, and LabVIEW, familiarity with programming in C#, python, VHDL, and html, some programming experience with JavaScript, assembly code, teamwork, document and database research, MS Word and PowerPoint, familiarity with MS Excel, Google Docs, Gmail, Google Drive, Creativity, basic ability to understand and communicate in Spanish, and French, elementary ability to understand and communicate in Esperanto, notable competency in Math based problem solving.

Leadership/Volunteer experience:

Clarkson Robotics LLC, Volunteer **2015-2016**
Clarkson University Model United Nations **2015-Present**
Delegate of The French Republic
Harvard National Model United Nations SpecPol **February 2016**
Delegate of the Irish Republic
Love I.N.C Volunteer **2011-2015**
Boy Scouts of America **2013-2015**
Venture scout for the Hudson Valley Council Band
Clarkson University SPECTRUM **2015-Present**
Clarkson Climate and Engagement Committee **2015-Present**
Arlington Debate Club President **2014-2015**