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Academics and Certifications

Clarkson University, Current GPA: 3.25

Bachelor of Science, Software Engineer
Set to Graduate in May 2019

GIAC / The SANS institute

GISF Certified in Cybersecurity consulting
Certification valid through 2021

Projects and Experience

ReillyQ.com, Fall 2017

- Designed my own personal website using Bootstraps version 3.
- Designed elements using html, CSS, JavaScript, jQuery.
- Edited additional code to allow direct contact on the site via Email.
- Launched the site on the Clarkson University public code server, Polaris.

Recipe Buddy App, 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 in the Android app Studio using GitHub for version control.

Unicrypt, Still in Progress

- Created a custom class in java to deploy in the final Android app.
- Custom class included a double array with complete Ascii symbol library arranged in a Vignere pattern, as precursor for Unicode array.
- App generates a random key in equal length to an input string and enciphers the string according to the table.
- Final app will also be able to decipher the ciphertext using the original key.

Independent Contract: BQ Energy, 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.

Technical Skills

- ❖ Programming in C++
- ❖ Programming in Java
- ❖ Programming in XML
- ❖ App design in Android Studio
- ❖ Web design in Bootstraps
- ❖ Web design in HTML5
- ❖ Web design in CSS
- ❖ Web app design using JavaScript
- ❖ Web app design using jQuery
- ❖ Website hosting
- ❖ Cyber Security Advising
- ❖ Documentation
- ❖ Currently self teaching 4 foreign languages
- ❖ Mathematics based problem solving
- ❖ Leadership and negotiation skills
- ❖ Graphical Design

Leadership Experience

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