**Kelly Brown**

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Linkedin: https://www.linkedin.com/in/kelly-brown-977817157/

**Education**

University of Massachusetts: Bachelor of Arts, May 2021

* Major: English/ Minors: Information Technology, Education, Classics: Latin Language and Literature, GPA:3.6 / Awards: Deans List

**Key Skills**

* Technical Writing, Microsoft Software, Solidworks, 3D printing/software, Python, Organization, CSS, HTML, Java, JavaScript, Linux/Unix, Communication, Critical Thinking,

**Relevant Courses/Experience**

* Intro to Professional Writing, Intro to Programming, Problem Solving with the Internet, Data Science for the Humanities, Codes and Ciphers, Intensive Literary studies, Calculus I,

**Technical Experience:**

Satellite Security Independent Study Research Paper: Fall 2020 – Present

* Analyzed the security efficiency of current U.S. satellites
* Studied the encryption processes between Open Source Satellites vs Private Satellites
* Researched U.S aerospace protocols, limitations and defense guidelines
* Organized data used from different University and online sources

UMass Cybersecurity Club: Spring 2020 – Present

* Engaged in lectures and that focuses on cyber security and cryptography
* Participated in workshops that provides hand-on security exercises and practice

Microprocessors: Summer 2019 - Present

* Programed open source microcontrollers in order to operate mini projects
* Created micro projects using: LED lights, LED display, Ultra-sonic sensors, D.C Motors, LDR sensors, and RFID,
* Experience in hands on circuitry with various types of hardware
* Understanding the basis of organizing and programming in different operating systems

Problem Solving w/Internet: Fall 2019

University of Massachusetts Computer Science Department – Professor William Verts

* Worked with Client-side programing as well as Server-side Programing in JavaScript and Python
* Explored the functionalities of Unix/Linux operating system in order to understand how computer systems communicate

**Additional Experience/Leadership**

University of Massachusetts Men’s Rowing, Coxswain: Fall 2017 – Present

* Responsible for maintaining a well-ordered practice and organized training sessions
* Accountable for the safety of my teammates and expensive school equipment
* In charge of commanding and motivating my teammates

Waitress, Stone Water at Three Peaks Marina: Summer 2017 – Present

* Ability to operate under high pressure and stressful conditions
* Customer service and interpersonal communication skills
* Sufficient skills in organizing priorities in order to keep a formalized service