

Clifton Paul Robinson

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EDUCATION

Northeastern University, Boston, MA May 2023

Doctorate of Philosophy (Ph.D.) in Information Assurance

Bridgewater State University, Bridgewater, MA May 2018

Graduated Magna Cum Laude

Bachelor of Science in Computer Science (GPA: 3.584)

Bachelor of Science in Mathematics (GPA: 3.584)

Overall GPA: 3.723

HONORS

Bridgewater State University Bridgewater, MA

- Dean's List (All Semesters)
- Commonwealth Honors Program
- Computer Science Departmental Honors Program
- Mathematics Departmental Honors Program
- LEADS Program (Leadership Course)

Northeastern University Boston, MA

- Academic Fellowship Recipient
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RESEARCH EXPERIENCE

Bridgewater State University (BSU)

“A Prime Look at Cryptography: The RSA Public-Key” May 2017 - May 2018

Student Researcher, Adrian Tinsley Program Summer Grant

- An interdisciplinary project that combined Computer Science and Mathematics.
- Conducted research with the help of a mentor about the RSA Cryptosystem and used factoring algorithms to factor the prime numbers used to encrypt in RSA.
- Continued this project into the school year as an [Honors Thesis](#).

“Cyber Law: Past, Present, and Future” Jan. 2018 - April 2018

Directed Study

- Created a course to get a more indepth look into the policies in the cyber community.
- Researched current issues that have been in the news recently.
 - Such as Net Neutrality and privacy.

“The Comparison of Two Encryption Techniques” Sept. 2016 - Dec. 2016

Honors Contract

- An extra research project conducted for the Cryptology course.
 - The project was to give a more indepth look to different encryption techniques learned in the class. We researched the history of them and also recreated them using computer programs and were able to compare them against each other.
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TECHNICAL SKILLS

Programming: Python, Java, C++, HTML, LaTeX, BASH

Software: PyCharm, Eclipse, Microsoft Office, Photoshop

EXPERIENCE

Bridgewater State University (BSU)

Residence Life & Housing

Aug. 2015 - May 2018

- Held three different positions:

- *Resident Assistant*

Aug. 2015 - June 2016

- Community building through student interaction and programming.
- Fulfill duty requirements, including confrontation of behavior in violation of university policies.
- Assist in maintaining the safety and security of residents during emergency situations.

- *Senior Resident Assistant*

Aug. 2016 - May 2017

- The bridge between resident assistants and the full-time staff.

- *Area Resident Assistant*

Aug. 2017 - May 2018

- Helped create and facilitate the duty calendar as well as reserve lounges within the buildings.
- Complete administrative paperwork.
- Held a spot on the RA Advisory Committee to voice concerns on the staff and problem solve.

Play-By-Play Announcer, Bears Sports Network

Sept. 2014 - May 2018

- Announce games for the NCAA recognized BSU Athletics.
- Broadcast live to the web football, soccer, field hockey, basketball, and volleyball for both men's and women's teams.

Peer Assisted Leader, Streams Program

Jan. 2015 - May 2015

- Instructed the introductory computer class, COMP 151
- Provide extra assistance to approximately 25 students, including quizzes, lectures, and projects
- Tutor and assist students individually or in small groups two times per week and office hours
- Recruited by faculty in first year at Bridgewater State

Martha's Vineyard

Summer Intern, Martha's Vineyard Community Television

June 2014 - August 2018

- On air talent for several shows
- Editor of shows that range from talk shows to government meetings
- Many hours logged using a Tricaster as well as cameras
- Only intern used throughout the summer

LEADERSHIP EXPERIENCE

Bridgewater State University

Bridgewater, MA

- Founding President of Upsilon Pi Epsilon - Zeta Chapter
 - International Honor Society for the Computing and Information Disciplines.
- President of the National Residence Hall Honorary - BRISTACO Chapter
 - Leadership Honorary for On-Campus Student Leaders.
- Member of Pi Mu Epsilon
 - The U.S. Honorary National Mathematics Society.

CONFERENCES & PRESENTATIONS *(More can be given upon request, these are the main ones)*

“The Key to Cryptography: The RSA Algorithm”

April 2018

National Conference on Undergraduate Research 2018 (NCUR), Edmond, OK

Poster Presentation

“Cyber Law: Past, Present, and Future”

April 2018

Massachusetts Statewide Undergraduate Research Conference, Amherst, MA

Oral Presentation