Sarah Morin

950 24th Street NW, Apt. 905, Washington, DC 20037
sarahmorin@gwu.edu | 603.998.6402

SKILLS

PROGRAMMING
Java • Python • C
SQL • Assembly • LaTeX
HTML • PHP • MATLAB

OPERATING SYSTEMS
Linux • Windows

LANGUAGES
English (Native)
Spanish (Advanced)

COURSEWORK

Operating Systems
Foundations of Computing
Algorithms
Continuous Algorithms
Number Theory
Systems Programing
Database Systems
Software Engineering
Computer Architecture
Discrete Structures I & II

AWARDS

2019
Steve and Shelly Heller Prize
Clare Booth Luce Scholar

LINKS

Github:// **smorin8674**
LinkedIn:// **Sarah Morin**

EDUCATION

THE GEORGE WASHINGTON UNIVERSITY
BS in Computer Science, Minor in Mathematics
School of Engineering and Applied Science
Expected May 2021 | Washington, DC
GPA: 3.84 / 4.0
- Conecntration: Cybersecurity, Crytopgraphy

DIGISTAL FORENSICS AND CYBER SECURITY PROGRAM
Pre-College Program | Champlain College
July 2016 | Leahy center for Digital Investigation

- Learned basic cyber security and digital forensics skills such as computer and network security, vulnerability exploitation, mobile device forensics, and security protocols for sensitive data.
- Used state of the art technologies including TCPDump, Wireshark, and NMAP.

RESEARCH

AURROR | Undergraduate Researcher
Professor Poorvi Vora | Dept. of Computer Science
September 2019 - Present | The George Washington University

BAYESIAN RISK LIMITING AUDITS | Undergraduate Researcher
Professor Poorvi Vora | Dept. of Computer Science
March 2019 - September 2019 | The George Washington University
Simulated Bayesian risk-limiting ballot polling audits on elections with invalid votes and multiple candidate elections.

EXPERIENCE

THE GEORGE WASHINGTON UNIVERSITY | Teaching Assistant
Jan. 2019 - Present | Washington, DC

| CSCI 2461 | Computer Architecture | Fall, 2019 |
| CSCI 1311 | Discrete Structures I | Spring 2019 |

GC ENGINEERING | Receptionist
June 2017 - Present | Laconia, NH

PROJECTS

Multivariate Hypergeometric Distribution Sampling Tool
Python
Course Registraion System
MySQL, HTML, PHP, CSS
Encryption/Decryption with Caesar Cipher/OTP
LC3 Assembly
Search Engine | Text Files
C
Chat Room
Java