Justine Gausin

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Career Objective

Seeking a professional position in Big Data and/or Cybersecurity to further enhance my knowledge and mastery of the subjects.

Education

Old Dominion University   **GPA: 3.9**

     Majoring in Bachelor of Science: Cybersecurity
     Majoring in Bachelor of Science: Applied Mathematics (Big Data)
     Minor: Information Systems and Technology
     Minor: Computer Science

Graduation: December 2020

Related Coursework

- Programming in C, Problem Solving and Programming (C++), Introduction to Network and Security, Cybercrime and Cybersecurity, Information Assurance (NIST RMF), Database Concepts, Information Systems, Calculus I – IV, Data Analysis, Reverse Software Engineering-Malware, Cryptography, Cyber Forensics, Machine Learning, Partial Derivatives, Complex Analysis, Optimization.

Experience

Undergraduate Research Student (NSF) Old Dominion University- Norfolk, VA - 40 hrs/week   **July 2019 – September 2020**

- Developing solutions for hole-filling and smoothing 3D polygon mesh encrypted by homomorphic encryption.
- Finding the best approach to lower the computation time of homomorphic encryption (secret sharing, packets).
- Researching different methods and implementation of mesh repair.

Data & Operations Analyst OSD Cost Assessment and Program Evaluation (CAPE), Washington, D.C.   **July 2020 – August 2020**

- Perform data analysis on attrition and retention of civilian forces.
- Perform literature reviews on the current trend of technologies in the private sectors and its feasibility in the DoD.
- Create visual data for the use in the DoD Strategic Portfolio Review (SPR) presentation on Space Force.

Cybersecurity Analyst USN NSWCDD Dam Neck Activity, Virginia Beach, VA - 25 hrs/week   **August 2020 – Present**

- Perform network analysis on computer systems.
- Developing cybersecurity related software in support of the projects assigned by the division.
- Perform vulnerability scans and develop reports for legacy systems.

Achievements and Academic Honors

- International Baccalaureate Diploma Recipient
- Norfolk Science and Technology for Advance Research alumni
- Virginia Aerospace Science and Technology Scholars alumni
- Bloomberg Marketing Concepts
- NSF Cyber-Infrastructure Certificate

Additional Experience

Skills and Assets

- Active Secret Clearance
- Strong interpersonal skill and oral communication.
- Strong ability to work independently and in groups.
- Knowledge in C, C++, Python, Python, R.

Organization

- Asian Pacific American Student Union (APASU)   2016-present
- Cyber Security Student Association (CS2A)   2019-Present

Research Studies

- Application of Homomorphic Encryption in Mesh smoothing (IEEE)