

GENESIS G. GRANT
B.S. in Computer Technology
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EDUCATION

Bowie State University
B.S. in Computer Technology
Concentration: Data Science

May 2025 GPA: 3.7

SKILLS

- **Computer:** Pandas, Numpy, Matplotlib, Jupyter Notebook, MS Excel, MS Office
- **Languages:** Python, SQL

RELATED EXPERIENCE/ PROJECTS

Computer Science Intern, The Mitre Corporation & National Institute of Standards and Technology (NIST) *Summer 2024*

- Developed an AI extension for prompt injection attacks, referencing prior research on LLM vulnerabilities and mitigations.
- Automated chatbot interactions via API using Python for experimentation and reproducibility.
- Competed in an eCTF (embedded Capture the Flag) competition, securing a satellite with MAX7800 boards using C and Python for cryptography.
- Engaged in a Data Analytics Learning Track, leveraging Pandas and Matplotlib for college-related data visualizations.

Undergraduate Intern, The Mitre Corporation (McLean, VA) *Summer 2023*

- Trained by MITRE cyber professionals on MITRE ATT&CK, Digital Forensics, and NIST Security Framework.
- Joined Project Dioptra, focusing on AI/ML, neural networks, adversarial attacks, and learning models.
- Focused on NLP and LLM / chatbot vulnerabilities pertaining to jailbreaking methods.

Bowie State University Computer Technology Tutor *Fall 2022*

- Selected by the university faculty to tutor peers in computer technology subjects, including Linux fundamentals, Python fundamentals, data science tools, etc.
- Reinforced technical knowledge and stayed current with industry trends while mentoring fellow students.

Data Science Next Steps Summer Academy, Bowie State University & Alabama A and M University (Virtual) *Summer 2022*

- Summer internship geared towards learning Basic Statistics, Python, Machine Learning, Excel and Artificial Intelligence.
- Implemented learned concepts into a project based on the topic of structural unemployment in the community, utilizing raw data to identify trends, impacts and solutions.
- Data Science Structural Unemployment Analysis:
 - o https://studentsbowiestate-my.sharepoint.com/:p:/g/personal/grantg0602_students_bowiestate_edu/EfhjMaGmBIFPiJ7_MJiujc0BG_zpStZoFyGZ5I26I5jTg?e=lz1dmW

VOLUNTEER AND LEADERSHIP EXPERIENCE

BSU Honors Student Organization Program Marketing Coordinator *Fall 2024 – Spring 2025*

- Led a team of 5 marketers to create and execute social media campaigns, increasing student outreach and engagement.
- Managed event promotion, enhancing participation and campus awareness of the organization.
- Monitored campaign performance and optimized strategies for greater impact.

Student Government Association Freshman Class Treasurer *Fall 2021- Spring 2022*

- Handle financial obligations and requests for events that our class board holds.
- Work to hold and put together class events as well as bring together the class of 2025 while working in a team environment.

Annual CCPS Science and Engineering Expo Project Co-Leader *February 2018, February 2019*

- Collaborated with sponsor and peer to develop hands-on STEM projects, such as gumdrop hydraulic systems, to educate and inspire student interest in technology and STEM fields.

CLEARANCES

- **Active DoD Secret** (*initiated January 2024*)
- **DHS Fitness Suitability**