**Sam LaPree**

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My Website • <https://samlapree.github.io/SamLaPreeSite/>

**EDUCATION**

**Towson University |** Towson, MD

**Bachelor of Science in Computer Science | GPA:** 3.4 December 2024

**Relevant Coursework:** Data Structures & Algorithm Analysis, Software Engineering, Object-Oriented Design & Programming, Requirements Analysis & Modeling, Database Management Systems, Web Development, Software Quality Assurance & Testing, Cryptography

**Awards & Honors**: Provost Scholarship (Fall 2020 - Spring 2024) | Dean’s List (Fall 2023 - Fall 2024) | FCSM Undergraduate Research Grant (February 2024 - August 2024)

**RELEVANT EXPERIENCE**

**Constellation Energy** | Baltimore, MD June 2023 - August 2024

*IT Remote Internship*

- Assisted with the Constellation’s departure from Exelon

- Worked on and maintained HR Department services and applications

**Towson University** | Towson, MD September 2022 - December 2024

*Math Tutor*

- Helped 3-4 students every hour

- Assisted students in developing math skills and understanding concepts

- Specialized in Discrete Math, Statistical Methods, and Cryptography

**TECHNICAL PROJECTS**

**Digital Twin Research** | Independent Research Project September 2023 - August 2024

- Developed a simulation of how a Digital Twins could be implemented to enhance daily household thermostats.

- Explained how such a system can have other applications, and be used in my experiment to save energy

- Obtained an undergraduate research grant from FCSM in February 2024 of the project’s life cycle.

**SKILLS & CERTIFICATIONS**

- **Programming Languages:** Java, Python, SQL, JavaScript, HTML

- **Tools and Technologies:** VS Code, Git, Eclipse, J Unit, Excel