

# Rose Fantahun

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## EDUCATION

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### Prairie View A&M University

*B.S. in Computer Science & Mathematics GPA: 3.76*

**Prairie View, TX**

*Graduation Date: May 2024*

- Organizations: PVAMU Data Science Club Previous Board Member, PV National Society of Black Engineers (NSBE) Member, PV Black Data Processing Association (BDPA) Treasurer

## WORK EXPERIENCE

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### Prairie View A&M University

*Student Hourly Assistant - Research*

**Prairie View, TX**

*Sept. 2023 – Present*

- Conducting research and providing support for the compilation of research project reports while performing other duties deemed necessary by the faculty.
- Assisting with electronic/mail submissions of research articles and grant proposal developments and with the development of manuscripts for research journals publications.

### Eli Lilly and Company

*Undergraduate Tech@Lilly Intern*

**Indianapolis, IN**

*May 2023 – August 2023*

- Conducted a Proof of Concept to take a PDF file and generate data that can be imported into Lilly's Quality Management System, TrackWise.
- Utilized Node.js and JavaScript this will enable the auto-creation of records in TrackWise error-proofing the business process with an estimate of 5940 hours saved each year.
- Explored three different options for a solution including Amazon Textract and conducted end-to-end testing of the customized solution that was viable for this use case.

### Prairie View A&M University

*Student Hourly Assistant - Tutor*

**Prairie View, TX**

*April 2023 – May 2023*

- Tutored students learning C++ programming in their Computer Science II courses and utilizing coursework and class assignments to create a plan for active and engaging learning.
- Facilitated sessions for studying exams, developed initiatives, and communicated ways to improve the tutoring service doubled the number of students participating by the end of the semester.
- Determined student needs and kept students engaged with up-to-date tutoring plans that were able to show progress throughout the semester.

### Lockheed Martin Rotary and Mission Systems

*College Student Tech Specialist*

**Liverpool, NY**

*May 2022 – August 2022*

- Held secret-level security clearance while working with radar systems for the Department of Defense in compliance with federal guidelines.
- Participated in all phases of the software development lifecycle (design, code, and test), with a focus on C++ leveraging MST software engineering processes and procedures.
- Initialized new software infrastructure in a team of 3 while performing verification activities and implementing agile scrum methodologies.

## SKILLS

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**Programming:** C++, Python, SQL, Node.js, JavaScript

**OS:** UNIX, Linux, Windows

**IDE:** Eclipse, Visual Studio

**Version Control:** Subversion, Git