

Logan LiVigni

COMPUTER SCIENCE STUDENT

PROFESSIONAL SUMMARY

Motivated computer science student with interests in IT, data science, and networking. Experience in programming, data analysis, and process optimization, with hands-on experience in inventory management software implementation and trend analysis. Seeking opportunities to contribute technical expertise and problem-solving skills to dynamic teams.

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TECHNICAL SKILLS

- **Programming Languages:** Python, C, Java
- **Tools & Technologies:** TI CCS, Microsoft Excel
- **Core Competencies:** Data Analysis, Software Development, Inventory Management Systems, Basic understanding of network protocols or configurations

EDUCATION

Bachelor of Science in Computer Science | 2022-2025

Texas Tech University, Lubbock, TX

- Expected Graduation: December 2025
- GPA: 3.6

WORK EXPERIENCE

Intern | May 2024 - August 2024

Forney Fence Supply, Forney, TX

- Assisted in implementing inventory management software, streamlining operational efficiency.
- Analyzed data to identify trends relevant to inventory and sales.

PROJECTS

Lexical Analyzer

Computer Science Course, Second Semester of 2024

- Developed a lexical analyzer in C to identify lexemes/tokens in source code.

Syntax Parser

Computer Science Course, Second Semester of 2024

- Developed a recursive descent syntax parser in C, validating source code syntax and returning appropriate exit codes.

Multiprocessing Simulation

Computer Science Course, Second Semester of 2024

- Designed a Python program to simulate 100 steps of a cellular life system, processing input files and applying defined rules.

NOTABLE AWARDS/ SCHOLARSHIPS

- Texas Tech Presidential Scholarship
 - WCOE International Engineering Programs Scholarship
 - Clay Jones Memorial Scholarship
 - Play for Em Scholarship
 - Ford Driving Dreams Scholarship
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