

# Luke Coffman

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## EDUCATION

### University of Kansas (KU)

Expected Graduation Date: May 2028

Bachelor of Science in Computer Science and Cybersecurity Engineering

Lawrence, KS

## SKILLS

Operating Systems – Windows, Mac, Linux

Languages – Java, Python, C++(Learning)

Development Environments – NetBeans, Visual Studio, IDLE Shell, Ubuntu

## WORK EXPERIENCE

### Regenexx Independent Contractor

January 2025 – Present

- Developing target outreach software to identify patients in need of specific treatments based on health history.
- Collaborating with a team using GitHub to store and manage our project, demonstrating skill with teamwork.

### Coffman Bros Lawn Care – Founding Member/Co-Proprietor

March 2018 – August 2024

- Successfully grew and managed a lawn care business, building a client base of over 40 recurring customers while generating **\$10,000+** annual revenue.
- Managed customer relationships by providing personalized quotes, handling billing, and addressing customer concerns.

## RESEARCH

### AI-Feynman and Molecular Dynamics Study

August 2023 – May 2024

- Collaborated with faculty on AI symbolic regression research, exploring its applications in pattern prediction and identifying new variables from complex datasets
- Installed and managed Linux software, enhancing the lab's computing capacity by over **200%**, demonstrating system administration and software management skills

## HONORS

### KU Excellence Scholarship | KU Honors Program

## ACTIVITIES

### Satellite Software Team (KUbe Sat)

Fall 2024 – Present

- Developing Software to scan vegetation to determine the health of crops using a satellite in collaboration with NASA

### Engineers Without Borders KU Chapter

### Association for Computing Machinery (ACM)

### KU Men's Volleyball Club (President)

### KU Chamber Choir

### Marmion Academy Student Body Vice President

September 2023 – May 2024

- Collaborated with administration, students, and the executive board to enhance the school environment for four years