

# Nickolaus Jackoski

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## EDUCATION

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### **Master Of Science in Computer Science:**

University of Colorado Boulder, Boulder, CO

August 2025 - May 2027

- **Relevant Information:** Nickolaus Jackoski is currently in his first semester of a thesis-based master's program at The University of Colorado Boulder.

### **Bachelor of Science:** *Computer Science*; Minor: *Mathematics*, *Cum Laude*

Rhodes College, Memphis, TN

August 2021 - May 2025

- **Cumulative GPA:** 3.51/4.0, **Major GPA:** 3.58/4.0
- **Related Coursework:** Linear Regression, Calculus 3, Discrete Math, Introduction to Statistics, Software Engineering, Programming Languages, Artificial Intelligence, Computer Vision & Image Processing, Computer Organization, Theory of Computation, Computer Graphics & Virtual Reality, Introduction to Computer Systems, Algorithms and data Structures, Object Oriented Programming.
- **Honors and Awards:** Rhodes Award Scholarship, Dean's List (Spring 2023)

## RELEVANT EXPERIENCE

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### **Rhodes College Research Assistant**, Memphis, TN, August 2022-Present

- Performed data manipulations on jazz MIDI files to enhance genre identification

### **IEEE Software Programmer Internship**, Chandler, AZ, May 2023 - August 2024

- Automated voting within the IEEE 802.15 standards using Visual Basic and Excel databases
- Created a new website using JavaScript, CSS, HTML, and WordPress

## ADDITIONAL EXPERIENCE

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### **Culture of Consent**, *Executive Board Member*, Memphis, TN, September 2022-Present

- Organized seminars for education and security for women on campus.

### **Computer Science Club**, *Secretary*, Memphis, TN August 2024- Present

- Documented events and activities for the club to monitor progress and team activities.

## PROJECTS

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### **Naive Bayes Email Classifier:**

- Implemented a Naive Bayes Email Classifier project that showcases the development of a machine learning model to classify emails into spam and not spam categories. This project displays an understanding of the principles of probabilistic classification using Naive Bayes algorithms.

### **Connect 4 MiniMax with Alpha-Beta Pruning project:**

- Created an AI that plays Connect Four by implementing algorithms such as minimax with alpha-beta pruning and an added heuristic. This project demonstrates proficiency in algorithm design, game theory, and Java programming.

### **Statistically Analyzing Factors Influencing Electric and Hybrid Vehicle Adoption**

- Utilized statistical methods such as linear regression, multicollinearity, bootstrapping techniques, and more to analyze current trends in electric and hybrid vehicle adoption in Washington state using R.

## SKILLS

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### **Programming Languages and Tools:**

- Java, Python, C, C#, R, SQL, CSS, HTML, Common LISP, Standard ML of New Jersey, Visual Basic, MIPS, Scikit Learn, NumPy, PyTorch, TensorFlow, Blender, Unity, git, WordPress