Nickolaus Jackoski

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EDUCATION

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

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

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

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

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