

Raymond Goodman

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EDUCATION

University of Kentucky, College of Engineering

Computer Science

Dean's List

Expected May 2025

GPA: 4.0

Central Hardin High School

Magna Cum Laude Graduate

May 2022

GPA: 4.0

Early College and Career Center/ Elizabethtown Community and Technical College

Associates of Science (Completed during High School)

Dean's List

SKILLS

- Coding in C++, Python, MATLAB
- Communication
- Experience with Vim
- 3D printing
- Teamwork
- Critical Thinking
- Management
- Time-Management
- Customer Service
- Leadership
- Problem Solving

ENGINEERING EXPERIENCE

Beta, 3D Design

August 2019– June 2020

- Designed a 3-dimensional project based off a given prompt.
- Placed Third in the State of Kentucky
- Received an invite to National Convention to compete against other students across the U.S.

CS Classes

- Application of object-oriented programming in C++ to solve problems, as well as using Vim and the GDB debugger to assist.

PROJECTS

Visual Assisted Launch Toy Project

February 2023 – Present

- Working with a team to design and construct a computer vision aided launcher, that launches a ping pong ball towards a target.
- Specializing in Vision Systems, using MATLAB to code the launcher toy to find and select the target.
- Work with other teams' Vision Systems members to generate and compare solutions.

Project Lead the Way (PLTW)

August 2017 – May 2019

- Applied the Engineering Design process to produce and refine a prototype for a company using 3D printing.

CS Projects

- Applied programming skills to solve various labs and projects.
- Personal projects in mobile app development, such as a calendar with task management and a workout app that uses intelligence to create personalized workout plans for anyone.

WORK EXPERIENCE

Team Lead – Panera Bread – (02/2021 - Present)

- Managed a subdivision of the store, making sure people were accomplishing tasks in a timely, efficient, and accurate manner
- Handled customers' needs.
- Worked with a team to accomplish customers' orders.
- Worked with managers to accomplish extracurricular tasks.
- Developed an efficient repeatable process to accomplish multiple different roles around the store.

Baseball Umpire - Elizabethtown Area Baseball Commission (05/2018 - 08/2019)

- Applied game rules and league regulations when making game calls.
- Communicated with fans, coaches, players and other umpires.
- Kept games on schedule by starting promptly and making correct calls.
- Promoted good sportsmanship among players.
- Communicated strikes and runs with precision.
- Verified accuracy of score calculations before winners were announced.

Actor - Thomas Dairy Farm and Market (09/2017 - 11/2018)

- Leveraged skills in gesturing, body movement and special voices to draw in audience members and build emotional engagement.
- Created original works and used public information to fuel my team's performances.

EXTRACURRICULAR ACTIVITIES and VOLUNTEER OPPORTUNITIES

Central Hardin Varsity Baseball

February 2019 – May 2022

- First Place in District 17
- District 17 Champions
- Region 5 Champions
- Developed relationships with teammates, coaches and family members.
- Developed a strong work ethic.
- Learned valuable leadership and stress management in high stress environments.

Beta Club

September 2018 – May 2022

- Volunteered at Organizations such as Feeding America and Warm Blessings.
- Competed in State competitions (3D Design, Math)

Christian Student Fellowship (UK)

- Meet in groups with other men to discuss our faith, beliefs, and studies.
- Volunteer with clean up after events
- Lead a small group of freshmen in a Bible study