

KEATON WYRICK

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OBJECTIVE

Motivated honors student seeking a co-op or internship opportunity to apply technical and programming skills. Eager to contribute to innovative projects while gaining hands-on industry experience.

EDUCATION

The University of Tennessee, Knoxville

Bachelor of Science in Computer Engineering

May 2027

Cumulative GPA: 3.52

Coursework: Embedded Systems, Digital Logic Design, AC Power Systems, DC Circuit Analysis, Algorithms and Data Structures, Microsoft Excel

EXPERIENCE

Fantasy Casino Events

Blackjack Dealer

Knoxville, TN

Nov 2024 – Oct 2025

- Communicated and created an enjoyable experience for corporate and group events.
- Simplified concepts and educated new players on rules and statistics to reliably win.
- Curated new and personalized experiences to engage clients based on customer feedback.

Scrambled Jakes Breakfast Co.

Busser

Knoxville, TN

May 2021 – Jan 2023

- Trained and led new employees to increase the effectiveness of new hires.
- Ensured the wait staff had enough support to focus their attention on the customer.
- Collaborated with management, house, and kitchen staff to develop efficient ways to provide customers with enjoyable experiences.
- Multi-tasked in short-staffed roles to boost profitability for the restaurant.

RELEVANT PROJECTS

Linear Regression Machine Learning Model

- Deployed a machine learning model to predict linear functions using linear regression in PyTorch.
- Utilized NumPy and Pandas libraries within Python for data analysis.
- Optimized the model using stochastic gradient descent and backpropagation.

Low Level Simon Game

- Developed a low-level Simon memory game in C on the TM4C123G microcontroller using the Keil IDE.
- Designed and built a custom resistor-based input circuit to detect user interactions and control gameplay.
- Utilized UART output for real-time debugging and user feedback, streamlining testing and validation.
- Programmed GPIO control and timing logic to manage LED output and sensor input.

SKILLS

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|----------|----------------|--------------|
| • C++ | • C | • Verilog |
| • Python | • Arm Assembly | • Git/GitHub |

HONORS, SCHOLARSHIPS & INTERESTS

Honors: Cook Grand Challenge Honors, Dean's List

Scholarships: Volunteer, GAMS, HOPE

Interests: Machine Learning, Embedded Systems, Jet Ski Repair, Wakeboarding/Surfing, Snowboarding