

# Erik Otto Kriz

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254 Keeler Dr, Ridgefield, CT, 06877 | (203) 837-6905 | erikokriz@gmail.com |

erikokriz.github.io | www.linkedin.com/in/erikottokriz

## Objective

- Seeking opportunities in cybersecurity, systems administration, and computer design to further enhance my workplace and practical skills.

## Education

**UNIVERSITY OF CONNECTICUT, STORRS, CT 06269**

BACHELOR OF SCIENCE IN ENGINEERING

MAY 2021

Major: Computer Science and Engineering | Minor: Mathematics

Related coursework: Object Oriented Programming, Systems Programming, Algorithms and Complexity, Computer Architecture, Digital Logic Design.

## Technical Skills

*Application Programming:* Python, C, C#, Scheme(LISP), HTML, CSS, Linux/Unix

*Repositories:* Git, Github

*Logic:* Skilled in designing and building systems consisting of logic gates.

## Work Experience

**BARTENDER | PANTHER MT. PUB**

MAY 2017 – AUG 2018

- Applied excellent organizational and multitasking abilities to handle simultaneous customer, team and business needs while avoiding unnecessary delays or errors.

**OFFICE INTERN | CLARIS CONSTRUCTION**

MAY 2018 - JUNE 2018

- Cleaned out entire database of unnecessary files from all older construction projects
- Assisted architects with on-site clerical work.
- Participated in team meetings and worked in a team environment.

## Relevant Projects

**Game tree:** Created a program which both created a game tree and preformed a breadth-first search of said tree in order to find the solution to common puzzles in the minimum amount of “moves”.

**Sequence Detection:** Designed and created a state machine that would accept a stream of input bits and return a value based on whether a given sequence was detected within that stream.

**Resource management:** Created a program which simulated a data transfer system through a cable. This system would only allow data to flow one way at any given time and decided on which direction the data should flow based on how much data was backed up on both ends and how long it had been since the data had switched directions.