

Luke McClure

lmcclore@hawk.iit.edu · (630) 862-7483

Education:

Illinois Institute of Technology

Bachelor of Science in Computer Science

August 2020 - May 2024

4.0 GPA

Dean's List

Skills:

Programing Languages: Python, Java, C, Haskell, Racket, SQL, Assembly, Chisel, Scala

Other: Computer Organization & Assembly Language Programming, Algorithms, Data Structures and Algorithms, Linux, Discrete Structures, Systems Programming,

Experience:

U.S. Soccer Federation - *Certified Referee* - January 2014 - Present

Refereeing competitive youth, adult, and college soccer games

Officiate and enforce the *Laws of the Game*

2022 Certified Referee Mentor

Film & TV Experience- *Extra/Featured Extra* - 2009- 2019

Utopia (2020)

Chicago PD Season 2

Chicago Fire Season 2/3

Nightmare on Elm Street (2010)

Volunteer:

Naperville Jr League - Ribfest Assistant

Roadrunners Developmental Soccer - Coach and Referee

Magical Starlight theater - Actor

Projects:

Clue Game Sheet

An application Created using Python and the GUI tool tkinter

Based off the board game clue, Players could input guesses and the game sheet would record them

Clue solver would provide the solution to the game faster than with pen and paper

Huffman Tree Encoding and Visualization

Application using Huffman tree algorithm to encode and decode text

Create tree visualization to each characters binary encoding