

# Robert Pearce

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## CAREER OBJECTIVE

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Passionate about software development and eager to apply my growing expertise in C++ and strong problem-solving skills to a career in software engineering. Currently attending the University of Nevada Las Vegas, with 5+ years of work experience.

## EXPERIENCE

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### Calculus Tutor

*College of Southern Nevada*

**Las Vegas, NV**

*Aug 2023 - Present*

- Held 3-4 sessions per week to provide students with academic support in their Calculus I course (Math 181).
- Made supplementary videos covering notoriously difficult concepts.

### Supplemental Instruction Math Leader

*College of Southern Nevada*

**Las Vegas, NV**

*Aug 2023 - Present*

- Plan and conduct 3-4 study sessions per week throughout the term, using strategies learned in SI Leader Training to aid students taking Math 126.
- Made supplementary videos covering notoriously difficult concepts.

### Las Vegas Mini Gran Prix

*Mechanic*

**Las Vegas, NV**

*Mar 2020 – Aug 2023*

- Perform routine preventive maintenance to ensure that go-karts continue to run smoothly, building systems operate efficiently, and ensure the landscape is maintained.

## PROJECTS

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### Integral Approximation Visualization

*C++ / Calculus II*

**Mar 2023**

- Program to demonstrate the differences between Riemann Sum integral approximation methods, left endpoint, midpoint, right endpoint, and trapezoidal approximation.

### 8 Queen Chess Puzzle

*C++ / Recursion / Backtracking Algorithm*

**Apr 2023**

- Program that implements a recursive backtracking algorithm to place 7 additional queens on a chess board in a way where no 2 queens threaten each other. Code available upon request.

## EDUCATION

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### UNIVERSITY OF NEVADA LAS VEGAS

*Bachelor of Science Computer Science (Expected graduation 2026)*

**Las Vegas, NV**

- **GPA:** 3.8
- **Relevant Coursework:** Data Structures and Algorithms | Discrete Mathematics | Calculus II
- **Awards & Honors:** Dean's List Award

### COLLEGE OF SOUTHERN NEVADA

*Associate of Business (2022)*

**Las Vegas, NV**

- **GPA:** 3.9
- **Relevant Coursework:** Financial Accounting, Economics, Finite Mathematics
- **Awards & Honors:** Dean's List Award

## ADDITIONAL SKILLS

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C++  
Python

Assembly  
HTML / CSS

Data-Structures  
Documentation

Algorithms  
Web Development