

CONNOR HARRIS

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EDUCATION

Florida Polytechnic University, Polk County
Bachelor of Science in Computer Science — In Progress

Indian River State College, Fort Pierce
Associate of Arts in Engineering

TECHNICAL SKILLS

Languages: C, C++, Python, Zig, x86 Assembly, Rust (learning)

Tools & Systems: LLVM, Git, CMake, Make, Ninja, GDB

Web: HTML, CSS, JavaScript

Focus Areas: Compiler design, language design, systems programming, lexical analysis, parsing, code generation

PROJECTS

Zura Programming Language | C++, x86 Assembly | zuralang.com

- Designed and implemented a low-level systems programming language compiled to x86 assembly
- Built a complete compiler pipeline: lexer, parser, semantic analyzer, and code generator
- Published comprehensive documentation and formal language specification

Luma Programming Language | C, LLVM | luma-website-mu.vercel.app

- Developing a modern systems programming language using LLVM backend
- Implementing type system, memory safety features, and compile-time optimizations
- Maintaining active development with documentation and community resources

Chess Engine | Python | github.com/TheDevConnor/Basic-Python-Chess-Engine

- Built chess engine with move generation, evaluation, and AI algorithms
- Implemented minimax algorithm with optimized board evaluation

EXPERIENCE

Line Cook & Kitchen Staff — Various Restaurants, FL | November 2021 – Present

- 3+ years in fast-paced kitchens demonstrating teamwork and time management
- Operated grill, fryer, pasta, and pizza stations during high-volume service