

CONNOR RHYS PEPER

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EDUCATION

Saint Louis University - School of Law

J.D. Candidate

GPA: –

Dean's Scholarship

Saint Louis, MO

Aug. 2024 – expected May 2027

Rose-Hulman Institute of Technology

Bachelor of Science, magna cum laude, International Computer Science

GPA: 3.61

Thesis: Compiler Flag-Selection and Phase-Order Optimization via Machine Learning in the Glasgow-Haskell Compiler

Dean's List: Have to check

Terre Haute, IN

Aug. 2020 – May 2024

Ulm College of Applied Sciences

Bachelor of Science in Computer Science

Ulm, Germany

Oct. 2022 – July 2023

WORK EXPERIENCE

Teaching Assistant

Rose-Hulman Institute of Technology - CSSE Department

- Assisted students in interpreter construction and graded exams in CSSE 304- Programming Language Concepts
- Laboratory assistant and graded coursework in CSSE 132- Intro. to Computer Sys.
- Assisted students on homework and projects and graded coursework in CSSE 333- Database Sys.

Dec. 2021 – May 2024

Terre Haute, IN

Trainer

Fritz's Frozen Custard

- Primarily operated, cleaned, and performed any work involving the frozen custard machines
- Trained new hires in all employee roles and responsibilities including: register, machines (primarily), cleaning, ...

Mar. 2019 – Aug. 2020

Saint Peters, MO

NOTABLE PROJECTS & COURSEWORK

Multi-Cycle Accumulator CPU Architecture | *Computer Architecture*

- Chip was written in **Verilog** and utilized simple instructions reduce error
- Custom assembly language and assembler

Nov. 2023

Audience Response System (ARS) | *Software Project*

- Designed and implemented backend server for ARS website in **Java** using **Spring Boot**
- ARS allowed real time anonymous interactions between professors and students during lectures

Jan. 2023

Scheme Parser & Interpreter | *Programming Language Concepts*

- Using **Chez Scheme**, created a parser and interpreter for Scheme in continuation-passing-style
- Interpreter would parse, syntactically expand, and execute any valid scheme expression
- Easily modifiable to allow new language features into Scheme

Nov. 2021

PROFESSIONAL MEMBERSHIPS

Bar Association of Metropolitan St. Louis | *Law student member*

Sept. 2024 – Present

American Bar Association | *Law student member*

Sept. 2024 – Present

COMMUNITY INVOLVEMENT

Greater St. Louis Speech League | *Community Judge*

Sept. 2024 – Present

INTERESTS

Favorite Programming Languages: Java, Haskell, Scheme, SQL (Transact)

Other Interests: Machine learning, cycling, weightlifting, Edwardian shipwrecks