

# 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 University of Applied Sciences

*Bachelor of Science in Computer Science, Dual Degree*

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