CONNOR RHYS PEPER

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EDUCATION

Saint Louis University - School of Law   Saint Louis, MO
J.D. Candidate   *Aug. 2024 – expected May 2027*
GPA: –
Dean's Scholarship

Rose-Hulman Institute of Technology   Terre Haute, IN
Bachelor of Science, magna cum laude, International Computer Science   *Aug. 2020 – May 2024*
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

Ulm University of Applied Sciences   Ulm, Germany
Bachelor of Science in Computer Science, Duel Degree   *Oct. 2022 – July 2023*

WORK EXPERIENCE

Teaching Assistant   Dec. 2021 – May 2024
Rose-Hulman Institute of Technology - CSSE Department   *Terre Haute, IN*
- 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.

Trainer   Mar. 2019 – Aug. 2020
Fritz's Frozen Custard   *Saint Peters, MO*
- 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, . . .

NOTABLE PROJECTS & COURSEWORK

Multi-Cycle Accumulator CPU Architecture | *Computer Architecture*   Nov. 2023
- Chip was written in **Verilog** and utilized simple instructions reduce error
- Custom assembly language and assembler

Audience Response System (ARS) | *Software Project*   Jan. 2023
- 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

Scheme Parser & Interpreter | *Programming Language Concepts*   Nov. 2021
- 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

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