

Simon Kadesh

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Computer Science student focused on building correct software across all levels of the computing stack. Seeking entry-level software engineering positions. Coursework has been completed as of July 31st; available for immediate full time employment.

Education

ROCHESTER INSTITUTE OF TECHNOLOGY

08/2022–12/2026

- B.S. in Computer Science, Computational Mathematics, and Japanese
- Received a 3.69 GPA to date
- Student of the GCCIS Honors College

Selected Coursework

- *Programming Language Theory*: Graduate level course on proving properties of programming languages with a focus on types and memory safety
- *Operating Systems*: Implemented components of an operating system kernel including memory management and process scheduling
- *Principles of Database Management*: Learned effective database design alongside standard technologies like SQL

Skills

Programming Languages: Java, C, C++, Python, Bash, OCaml, Haskell, x86 Assembly, SQL, Scala

Tools and Technologies: Linux, OpenGL, CMake, git, gradle, Spring Boot, Angular

Extracurricular Activities

Projects

Path Tracer: Implemented a CPU path tracer in OCaml

Network Booting Cluster: Implemented a cluster of computers booting over a network share. Presented at the RIT Linux Users Group about different approaches and their benefits and drawbacks

Leadership

RIT Linux Users Group – Secretary

- Wrote and distributed regular announcements of club news
- Maintained the club website
- Wrote and presented talks on topics related to Linux, systems administration, and open source software

Work Experience

Rochester Institute of Technology

Auxiliary Services – Tech I

- Responded to support tickets for POS terminals and online ordering systems at dining locations
- Performed routine maintenance (replacing print tape, etc.) for dining equipment

Student Grader

- Graded student submissions for the Programming Language Concepts course
- Assignments included the implementation of simple interpreters in the Scheme programming language