

Lee Thomas Forberg

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[LinkedIn](#) [GitHub](#) [Website](#)

EDUCATION

University of Maryland - College Park, MD

Expected May 2025

Bachelor of Science, Major: Computer Science | Minor: History | Dean's List Spring 2023 | GPA: 3.478

- **Relevant Coursework:** Object-Oriented Programming I and II, Linear Algebra, Computer Systems, Discrete Structures, Algorithms, Organization of Programming Languages, Introduction to Data Science, Advanced Data Structures

SKILLS

Programming Skills: Java, Python, C, Ruby, OCaml, Assembly, HTML, CSS, SQL, Git

Operating Systems: Windows, Linux, Android

RELEVANT PROJECTS

Citation Generator

July 2023

- Coded a citation generator that saved citations for future use using Java Servlets, Java, MySQL, HTML, and CSS.
- Featured a login and registration page which would store the user's data in a MySQL database.
- Created a user portal for creating and retrieving past citations with the ability to edit and delete them.

Personal Website

May 2023 - June 2023

- Coded my own personal website to learn more about HTML, CSS, and JavaScript.
- Implemented responsive design to look and function efficiently on all different screens and phone sizes.

OCaml Interpreter

April 2023

- Created a simplified OCaml interpreter to have a better understanding of how interpreted programming languages work behind the scenes.
- Coded a Lexer that used regular expressions to convert syntactical elements from the input into a list of tokens.
- Implemented the Parser that would output an abstract syntax tree and an Evaluator to properly traverse the tree and execute the code provided.

Unix Shell

December 2022

- Coded the backend to a Unix shell in C to have a more in-depth understanding of how shells work.
- Supported boolean operations, pipes, file redirection, and other commands.

WORK EXPERIENCE

Target

May 2020 - Present

Food and Beverage Expert

Frederick, MD

- Work in a small team to accomplish the goal of keeping Target stocked throughout the day.
- Assist and help customers in many different aspects to improve their shopping experience.
- Train new employees to help them adapt to their new jobs.

Giant

June 2019 - February 2020

Deli Clerk

Urbana, MD

- Took orders and prepared the deli meats/cheeses efficiently to obtain a seamless and friendly customer experience.