

Elliott Yoon

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About Me

Online Presence Github ([elliottyoon](#)) — LinkedIn ([elliottyoon](#))
Technical Stack C, C++, Flask, Javascript, Python, React, SQL, Tailwind, Typescript

Employment

Palantir Technologies Washington, DC (Incoming June 2024)
· Incoming software engineering intern on the Gotham team.

Northwestern University Evanston, IL (2022-Present)
· Teaching Assistant for Math 220-1 (F22, F23), CS 396 (W23)

Union Home Mortgage Strongsville, OH (2022-2023)
· Data Engineering Intern (2022), Software Development Intern (2023)

Projects

Compiler — *C++* (January 2023 - March 2023)
· Generates x86 Intel Assembly from a C-based language. Used tiling methods for efficient instruction selection. Implemented liveness testing, graph coloring, and spilling algorithms for register allocation.

2048 Racer — *Go, React, Docker* (June 2022 - August 2022)
· Enables real-time instances of the game 2048 in which players can race one another. Developed minimax backtracking algorithm with alpha-beta pruning against which users can compete. (It's successfully beat the game!)

Education

Northwestern University Evanston, IL (2021-2025)
B.A. Mathematics, 3.9/4.0 GPA
· Club Ice Hockey, Concerts @ Bienen, [First-year Award for Excellence in Mathematics 2022](#).
· Relevant coursework: Compilers, Computer Systems, Data Structures & Algorithms, Differential Forms, Functional Programming, Honors Real Analysis, Honors Abstract Algebra, Probability, Web Development