

# ELLIOTT YOON

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## About Me

### Online Presence Technical Stack

Github ([elliottyoong](#)) — LinkedIn ([elliottyoong](#))  
C, C++, Flask, Javascript, Python, React, SQL, Tailwind, Typescript

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## 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)

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## 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 that users can compete against.

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## 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, Real Analysis, Abstract Algebra, Probability, Web Development