

Thanh Trinh

thanht24@uw.edu • [linkedin.com/in/thanhtrinh](https://www.linkedin.com/in/thanhtrinh) • github.com/thanhtrinh

EDUCATION

University of Washington

Bachelor of Science in Computer Science

Concentration: Software Engineer

GPA: 3.69/4.0

Relevant Courses: Discrete Mathematics, Hardware/Software Interface, Data Structure and Parallelism, Software Design and Implementation

Seattle, WA

Expected Graduation, June 2027

Highline College

Associate of Science in Computer Science

GPA: 3.94/4.0

Relevant Courses: Data Structure, Object Oriented Programming, Calculus Series (1,2,3,4), Calculus-based physics series, Differential equation, linear algebra

Des Moines, WA

Graduated, June 2023

PROJECTS

2 players 2048 Game| Python

Auburn, WA

Team Lead

December 2023 – Present

- Used Python (Pygame) to develop and modify original 2048 game from 1 player to 2 players with all original features including tile movement, and counting points
- Implemented GUI to display the game board, score of individual players and final results
- Player 1 and Player 2 independently execute moves to attain the highest possible score until they are unable to make any further moves
- Looking to develop an AI system capable of achieving the 2048 tile in the fastest, alongside a menu interface, enabling user to select from options including 1-player mode, 2-player mode, and an AI mode

PROFESSIONAL EXPERIENCE

Hong Kong Market

Kent, WA

CASHIER

February 2021 – August 2023

- Operated cash register efficiently and accurately, processed payments by cash, check, credit card, gift card or automatic debit.
- Greeted customers and answered any questions they had about the store's products and services.
- Operated cash register efficiently and accurately, processed payments by cash, check, credit card, gift card or automatic debit.

Thomas Jefferson High School

Auburn, WA

MATH MENTOR/MEMBER

September 2022 – March 2023

- Assisted students with understanding mathematical concepts such as algebra, geometry, and calculus.
- Provided one-on-one reviewing session to help struggling math competitors improve their overall test scores.
- Prepared students for standardized tests, ACT exams, advanced course placements and upcoming math competitions.

TECHNICAL SKILLS

Programming Languages: Java (Intermediate), HTML(Intermediate), CSS(Intermediate), TypeScript (beginner), JavaScript (Beginner), Python(Beginner), TypeScript(Beginner)

Operating Systems: Windows XP/Vista/7/8/10, Linux

Languages: English, Vietnamese

Awards: President's Honor Roll, Glerum Family Endowed Scholarship in Computer Science & Engineering