Josh Taylor
Software Engineer
Computer Science student with industry experience and a passion for writing good code

Experience
Software Engineer Intern, Lucid Software
May 2022 - Aug 2022
- Implemented features that are used by thousands of companies
- Reduced technical debt and loading times throughout frontend and backend of product

Competitive Programming Instructor, Juni Learning
Apr 2021 - Apr 2022
- Taught students programming principles and algorithms
- Coached students to prepare for programming competitions

Software Developer and Systems Admin, Brigham Young University
Aug 2020 - Aug 2021
- Developed a remote desktop brokerage system
- Maintained all Linux systems in the Engineering department

Education
BS in Computer Science
Dec 2023
- 3.75 GPA
- Coursework in software engineering, data structures, algorithms, and artificial intelligence

Volunteer
President, BYU Competitive Programming Club
May 2022 - Present
- Increased club attendance by 150%
- Taught classes on problem-solving strategies
- Organized a high school programming competition and other club events

Projects
Music Generator - (github.com/joshbtay/music-transformer)
- Created a deep neural network architecture to generate songs

Reversi AI - (github.com/joshbtay/Reversi-AI)
- Used alpha-beta pruning to make an algorithm that won the class tournament

Skills
Python
Java
C++

JavaScript
TypeScript
Node.js
HTML
CSS
Scala
SQL
Bash
Vue
Angular
Flutter
AWS