

Josh Taylor

Software Engineer

Computer Science student with industry experience and a passion for writing good code

 joshbtay.com
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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 Brigham Young University Aug 2020 - Aug 2021

- Developed a remote desktop brokerage system
- Maintained all Linux systems in the Engineering department

Education

BS Computer Science Brigham Young University Dec 2023

- Current GPA 3.75
- Coursework in software engineering, data structures, algorithms, and AI

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

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|----------|---------|-----------|-----------|--------------|---------|
| • Python | • HTML | • Vue | • AWS | • JavaScript | • Bash |
| • Java | • CSS | • Angular | • Dart | • TypeScript | • Git |
| • C++ | • Scala | • MongoDB | • Flutter | • SQL | • Linux |