

Jeongwoo Choi

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Education

- University of Texas at Austin**, Austin, TX May 2024
Bachelor of Science, Computer Science
Courses: Data Structures, Intro to Data Mining, Computer Architecture, Operating Systems, Linear Algebra, Discrete Math
- University of North Texas**, Texas Academy of Mathematics and Science, Denton, TX May 2021
High School Diploma, Computer Science Track
Courses: Intro to Computer Science I & II, Intro to Data Science, Calculus III, Mainframes I & II
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Projects

- Toddle Tale** Jun 2020
- Built an interactive picturebook to help kids learn how to read.
 - Developed frontend with **Svelte** for NLP-based, Julia backend process.
- Compacctlly** Jun 2020
- Wrote a web app using **React** and Paccurate API to help charities efficiently package donated goods and lower shipping costs.
- Smart Rod** Feb 2020
- Engineered a smart cane which automatically detects falls using inertial sensors.
 - Worked with **embedded C** code on an Arduino, transmitted data to Node.js process.
- Room Surveyor** Nov 2019
- Designed a system to generate floor plans using an Arduino and ultrasonic sensor.
 - Processed and visualized data with **Java**.
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Community Involvement

- Freetail Hackers**, Organizer Feb 2022-Present
- Improving event and experience for HackTX, a 600 person hackathon.
 - Helped maintain tech projects such as registration portal for 1000+ users.
 - Organized a 200 person hackathon that promoted human rights and humanitarian aid.
- ACM for Change**, Initiative Lead Jan 2022-Present
- Hosted UT CS faculty for talk regarding ethical software design.
 - Promoted open source and privacy software through technical workshops.
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Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, COBOL

Tools and Frameworks: Git, Linux CLI, Svelte, React