# Benson Jin

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## EDUCATION

**Case Western Reserve University**                                                                    Cleveland, OH
*Bachelor of Science in Computer Science*                                                       *Aug. 2020 – May 2024*

**Relevant Coursework:**

*Intro to Java, Intro to Data Structures, Discrete Mathematics, Algorithms*

## EXPERIENCE

**Software Development Intern**                                                                  July 2020 – Aug 2020
*ranForest()*                                                                                        *New York City, NY*
- Performed SWOT analysis on competitors in the educational games industry to help determine growth opportunities.
- Created surveys, and distributed it to over 50 customers for collecting user information to help in feature ideation and pricing.
- Worked on developing a problem generation algorithm for quiz problems on our mobile app using Kotlin

## PROJECTS

**Weathering-io** | *Javascript, React, Leaflet*                                                 July 2021 – Aug 2021
- Built weather website that displays daily weather information and weekly weather forecasts along with weather maps.
- Designed an interactive user experience using React integrated with Leaflet.
- Developed a backend that fetches data from OpenWeatherMapAPI to display information on the current weather and forecast for the week using Geolocation.

**Sondering** | *Python, Flask*                                                                    Jan 2021 – Feb 2021
- Implemented a basic music recommendation website that offers over 5000 songs based on genre input.
- Created frontend using Jinja with HTML/CSS to create more comfortable and easy to use UI
- Developed backend with Flask which fetches over 1000 top songs for a genre from Spotify's API and returns the top 10 listened to.

**Blue Thoughts** | *Python, Flask, Flask-SQLAlchemy*                                            May 2020 – June 2020
- Created a full stack blog page where users can anonymously share any thoughts that they have with keywords and location.
- Implemented backend and frontend using Flask/Jinja with Flask-SQLAlchemy as the database.

## TECHNICAL SKILLS

**Languages**: Python, JavaScript
**Frameworks**: React, Node.js, Flask, Express.js
**Developer Tools**: Git, VS Code
**Libraries**: Leaflet, Charts.js