

Shelden Rattray

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Developer Portfolio: <https://www.sheldenr.dev/>

BIOGRAPHY

I am currently a Computer Science Student at Georgia State Honors College, pursuing a Bachelor of Science degree. I actively work on learning new content and material through the use of personal projects. I focus on learning full stack development and ML/AI through both my university's curriculum and my own personal learning journey

TECHNICAL SKILLS

- Git, Node.js, Flutter, TypeScript, C#, Dart, Java, ElectronJS, JavaScript
- Firebase, APIs, HTML5, Unity Engine

TECHNICAL PROJECTS

JotFlow - Mobile App

Developed a mobile note-taking, available for download on the Google Play Store.

- Uses Google's Flutter SDK
- Designed UI/UX interface using Figma
- Uses CRUD based database storage

Rhythm Performance Calculator - Web Extension

Developed and published a web extension with 1000+ downloads on Chrome and Firefox

- Calculates performance point values for the video game osu!
- Uses REST API to request required information.

HanziHub - Desktop App

Developed a Chinese flashcard-like study application.

- Built as a standard web-app using ElectronJS
- Utilizes persistent storage with functionality on most native platforms.

Don't Touch The Cubes - Arcade Game

Developed a 3D endless runner game for desktop devices.

- Built using Unity Engine and C# for scripting.

EXPERIENCE

Code Ninjas - Coding Instructor

Sep 2022 - Apr 2023

- Taught groups of kids aged 5-14 how to code through simple game-based projects.
- Facilitated a curriculum of games using the languages JavaScript, Scratch and C#.
- Taught how to develop games using large-scale game engines such as Unity.

EDUCATION

Georgia State Honors College - BS Computer Science

Aug 2023 - May 2027

- Grade: 4.22 GPA
- Activities: Panther LEAP, Ethical Hacking Club, Student Data Corps, Rocket Technologies
- Awards: Spring 2024 President's List, Fall 2023 President's List

Gwinnett School of Math, Science, and Technology - High School

Aug 2019 - May 2023

- #1 Ranked Georgia High School
- Activities: Black Student Union, Chess Club, Chinese Club