

# Shelden Rattray

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

## BIOGRAPHY

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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

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

## TECHNICAL PROJECTS

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### **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

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### **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

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### **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