

Shelden Rattray

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EDUCATION

Georgia State Honors College

Bachelor of Science in Computer Science

Atlanta, GA

Expected May 2027

- Grade: 4.25 GPA
- Activities: Panther LEAP, Ethical Hacking Club, Student Data Corps, Rocket Technologies
- Awards: 3x President's List

TECHNICAL SKILLS

Languages: Proficient C#, Java, JavaScript, Python | Familiar Dart, TypeScript

Software/Tools: Software/Tools: Git, Node.js, Flutter, ElectronJS, Firebase, Unity Engine, Figma

EXPERIENCE

Coding Instructor

Code Ninjas

Sept. 2022 – April 2023

Snellville, GA

- Delivered instruction in game-based application development using Unity (C#), JavaScript, Lua, and Scratch.
- Guided students through 100+ game projects, strengthening their understanding of programming fundamentals.
- Introduced best practices in debugging, game loops, and object-oriented design for beginners.

PROJECTS

JotFlow | *Mobile Applications*

December 2023 – Present

- Built a cross-platform note-taking app with offline storage; published on Google Play Store.
- Designed clean, mobile-first UI/UX interfaces using Figma prototypes.
- Implemented CRUD operations using lightweight HIVE NoSQL local storage.

Rhythm Performance Calculator | *Browser Extension*

Oct. 2023 – Nov 2023

- Developed a web extension with 1,000+ downloads across Chrome and Firefox.
- Integrated RESTful APIs to dynamically retrieve and display real-time game statistics.
- Deployed using Google's Manifest V3 platform for optimized security and performance.

HanziHub | *Desktop Application*

June 2024 – July 2024

- Created a multi-platform Chinese vocabulary study tool with persistent storage.
- Packaged as a cross-platform desktop app, supporting Windows, macOS, and Linux environments.

Don't Touch the Cubes | *Arcade Game*

Feb. 2023 – May 2023

- Built an endless runner with procedural level generation and increasing difficulty scaling.
- Integrated dynamic physics interactions and player performance tracking.

TECHNICAL SKILLS

Achievements: 1st Place — GSU Cybersecurity Hackathon (sponsored by Truist & Deloitte)

Certifications: Associate Game Developer (Unity Technologies)