

# John Simpkins

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## Education

Virginia Tech June 2027 *Bachelor of Science in Computer Science* Current GPA: 4.0/4.0 Atholton High School  
(Dual Enrollment at Howard Community College) May 2023 GPA: 4.1/4.0

## Relevant Coursework

Courses: AP Computer Science A, Intro to Software (in progress), Physics 1, Foundations of Engineering (in progress), Pre-Calculus

## Skills

Languages: Java, Python, Lua  
Tools: Node.js, Blujay, VS Code

## Projects

Freelance Roblox Developing | *Lua* June 2022 – Present \* Collaborated with Roblox game developers to write custom Lua scripts to enhance gameplay and create interactive features.  
\* Delivered well-documented code to facilitate easy integration and maintenance by the development team.

Game of Life | *Java* September 2022 – October 2022 \* Designed and implemented a cellular automation simulator based on Conway's "Game of Life" in Java. \* Implemented algorithms for generating random initial configurations and applying rules for cell birth, survival, and death.  
\* Conducted extensive testing and debugging to ensure the correctness and stability of the simulator.

## Experience

MESA Club | *Member* September 2019 - May 2022 Competition puzzle python club focused on gaining confidence in your ability to compete professionally.

Lifeguard | *Tutor* 2021 – 2022 Practiced Leadership and worked with a team as a Lifeguard

Camp Counselor | *Counselor* 2018 – 2019 Managed kids and worked as a team with fellow Counselors to solve issues

Boy Scouts | *Eagle Scout* 2017 – December 2022 Learned various leadership and management skills