



John Simpkins

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EDUCATION

Virginia Tech

Bachelor of Science in Computer Science

June 2027

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