Aaron Green

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EDUCATION

North Carolina State University: B.S. in Computer Science, *May 2026*

Relevant Coursework:

Intro Comp. - Java, Software Dev. Fund., Discrete Math, C and Software Tools, Operating Systems, Automata; Grammars; and Computability, DSA, Intro to AI, Software Engineering, Ethics in Computing, Computational Visual Narrative, Interactive Game Design, Game Engine Foundations, Adv. Game Projects, Senior Design Project

TECHNICAL SKILLS

Languages:	Java, C, C++, Python, HTML5, CSS3, JavaScript, SQL
Tools & Software:	VS Code, Eclipse, GitHub, Jenkins, JUnit, Maven, Apache Tomcat, React, REST, Spring, Hibernate, Microsoft Office Suite, Blender, Aseprite, Godot, Unreal Engine, Twine, PuzzleScript, Adobe Creative Cloud

PROJECTS

- Overhauled the internal database for the Cretaceous Creatures project at the NCMNS
- Developed 2 interactive games for the Cretaceous Creatures project and the Dueling Dinosaurs exhibit at the NCMNS
- Created a dual-theme platformer involving building and magic mechanics
- Designed a series of 4 games with a consistent story across several game genres
- Programmed a web-based HTML text-based starship fighting game
- Programmed a web-based HTML laser mirror puzzle game
- A semester-long web application that handles accessing, editing, and displaying information from a back-end database onto a front-end client

WORK EXPERIENCE

NCSU Department of Computer and Electrical Engineering: Operations Assistant

Sept. 2024 - Present

- Designed an organization system to handle processing and storage of electrical components
  - Scaled to manage hundreds of electrical components of various types
  - Built entirely within the Google environment
  - Automates component tracking and maintenance
  - Allows students to search the entire database within a separate HTML page
  - Trained staff members on system operations
- Redesigned a 3D printer maintenance log to streamline user input and simplify audits
- Supervised the operation of numerous 3D printing machines
- Performed routine and preventative maintenance on 3D printing machines
- Assisted students with locating electrical components