

# DERRICK ALAN ADAMS

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## EDUCATION

### Georgia Institute of Technology

Bachelor of Science in Computational Media — Computer Intelligence and Game Design

GPA: 3.8/4.0, Major GPA: 4.0/4.0, Highest Honors

Atlanta, GA

Aug 2020 – May 2024

## EXPERIENCE

### Data Analyst II

July 2025 – Present

Cox Automotive

Atlanta, GA

- Quantified revenue leakage in Manheim-Express listings and identified solutions through analyzing seller trends.
- Provided key insights on product performance through cleaning data with SQL and creating dashboards with PowerBI.
- Supported multiple products as an analytics resource, communicating with various internal and external stakeholders.

### Product Owner

June 2024 – July 2025

Cox Automotive

Atlanta, GA

- Defined product strategy and priorities for an image recognition app used to inspect over 10,000 vehicles a month.
- Decreased a vehicle's average inspection time by 30%, leading to a total savings of nearly 10 million dollars per year.
- Managed communication and ensured alignment between developers, end users, and other cross functional partners.

### Multimedia & UI/UX Designer

Jan 2022 – April 2023

Cox Communications

Atlanta, GA

- Expanded Cox's employee website with tools such as HTML, JavaScript, and Microsoft Power Automate.
- Managed the redesign and platform transition of Cox's employee website for the entire department.
- Conducted UX Research for Cox's Contour streaming service to determine user pain-points and inform design strategy.

### Lead Designer & Developer

Aug 2019 – Oct 2023

Gear Shift Studios

Atlanta, GA

- Designed, programmed, and created the art for multiple game projects using Unity, Godot, and GameMaker: Studio.
- Implemented non player character behavior using finite state machines, behavior trees, and other intelligence techniques.
- Published and marketed games to multiple platforms including Steam and Itch, with all titles earning positive reviews.

## PROJECTS

### Team Lead - Doorways To The Future

Jan 2024 - April 2024

- Developed a VR experience in Unity for the Meta Quest that allows users to traverse coral reefs and observe climate change.
- Implemented body tracking, character movement, object interactions, and visual shaders using C#.

### Undergraduate Research Lead - RF Hardware

Aug 2022 - Nov 2023

- Reverse engineered the developer environment of the Sega Dreamcast to develop games using C++ and a port of OpenGL.
- Created a graphics engine that uses raycasting to generate 3D imagery while maximizing performance on limited hardware.

## SKILLS

**Programming Languages:** Java, C#, C/C++, Python, JavaScript, SQL, HTML

**Game Engines:** Unity, Godot, GameMaker: Studio, Unreal Engine

**Design Programs:** Adobe Photoshop, Illustrator, Premiere, Animate, Autodesk Maya, Blender, Figma

**Frameworks & Libraries:** Git, React, Pandas, NumPy, PyTorch, OpenGL

**Professional Tools:** Snowflake, PowerBI, Power Automate, Pendo, Airtable, Splunk, Postman

## LEADERSHIP

### Phi Kappa Theta - President

Nov 2022 - Nov 2023

- Oversaw a 60+ member fraternity, directed execution of events, and managed an annual budget of over 150,000 dollars.
- Communicated with external organizations to coordinate logistics, safety, and public relations.

### Boy Scouts of America - Eagle Scout

March 2018

- Coordinated dozens of people to install signs and improve trail safety for California State Parks.
- Mentored younger scouts as Troop Guide, managed safety during camp-outs, and gained leadership skills as Patrol Leader.