

## **Adam Lembo**

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### **Education:**

Wake Technical Community College, Raleigh, NC

**Associate of Applied Science: Simulation and Game Development**

**Cumulative GPA: 3.9 President's List; Dean's List**

- Phi Theta Kappa Member – February 2021
- National Society of Leadership and Success Member – January 2020

William Peace University

**Bachelor of Arts: Simulation and Game Design – Anticipated Spring 2023**

### **Certificates**

**Wake Technical Community College, Raleigh, NC**

- Certificate in Simulation and Game Development: Fundamentals I July 2019
- Certificate in Simulation and Game Development: Fundamentals II May 2020
- Certificate in Simulation and Game Development: Quality Assurance Dec 2020
- Certificate in Simulation and Game Development: Programming Dec 2020

### **Technical Skills:**

- **Gameplay Programming:** C# programming using the Unity game engine.
- **AI Programming:** Experience in creating Artificial intelligence in the Unity game engine, created advanced state machines that made AI act dynamic when interacting with the player.
- **Level Design:** Knowledge of creating levels and block-outs in the Unreal Engine.
- **3D Modeling & Texturing:** Maya and Substance Painter.
- **Other Skills:** Swift, HTML5, and JavaScript.

### **Simulation and Game Development Projects:**

**“Rad Rabbit”**, Capstone Project | *Wake Technical Community College* | May 2021–July 2021

- Lead and organized a team of programmers under the supervision of a project lead.
- Designed an AI system showcasing complex and dynamic movement and actions.
- Utilized State machine behaviors to enhance player experience when interacting with AI.
- Presented final projects to senior software developers and peers for constructive feedback

**“Godor”**, Software Engineering | *Wake Technical Community College* | November 2020–December 2021

- Created and developed an assortment of different AI enemies for a Metrovania style game.
- Utilized State machine behaviors to enhance player experience when interacting with AI.
- Worked and communicated with a team of three

## **Experience:**

### **Courtesy Clerk, The Kroger Company:**

**May 2018 - August 2019**

- Delivered customer service assisting hundreds of customers a day and responding to their inquiries.
- Provided customers with product information as well as assisted those who needed extra assistance.
- Maintained facilities and equipment in accordance with Company policies and procedures.

Boy Scouts of America

### **Volunteer Jan 2007- April 2017**

- Eagle scout award o Designed, planned and executed a personal community service project, as well as instructed a team of 15+ volunteers.
- Coordinated and organized events and outings for the troop.

### **Camp Durant, Boy Scouts of America:**

**Trading Post Staff Member May 2016 – July 2016**

- Part of a five-member team who shared responsibility for frontend and back-office operations.
- Developed customer relations and sales skills.
- Operated Point of Sales systems and conducted hundreds of transactions.