

# Jake Barton

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## EDUCATION

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**Samford University, Birmingham, AL**

**Graduation Year: 2027**

*Major: Bachelor of Science - Game Design and 3D Animation, GPA: 3.5*

*Minor: Computer Science*

**Grace Christian Academy, Franklin, TN – GPA: 3.85**

## PROFESSIONAL / LEADERSHIP EXPERIENCE

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**Pi Kappa Phi Fraternity - Alpha Eta, Birmingham, AL**

**2023-Current**

*T-shirt Chair (2023-25)*

- Designed and produced multiple custom t-shirt graphics using Adobe Illustrator. Worked with vendors to print good quality shirts with timely delivery.

*Social Chair (2025-Current)*

- Led event Planning and managed a committee of 7 members to organize all chapter events.

*Executive Council - Philanthropy Chair (2025-Current)*

- Directed all chapter philanthropy initiatives, working with organizations like Unless U, and The Ability Experience with Pi Kappa Phi to raise funds and awareness for disability inclusion.

**Towhee Golf Club, Spring Hill, TN**

**2024**

*Golf Cart Attendant*

- Maintained optimal conditions for all golf carts and provided service to all players.

**Harris Life Training, Frankin, TN**

**2022-23**

*Tennis Coach and Mentor*

- Coached and Mentored youth ages 6-18 through tennis programs.

## PROJECTS & EXTRACURRICULAR

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**Phase Runner**

**2025**

- An Infinite-Runner Side-Scroller made in Godot, implemented dynamic level generation, clashing themes of alien invasion, and a running shooter.

**Escape From Gun-Wielding Geisha While Riding a Dragon SIMULATOR**

**2024**

- Unreal 5 VR Rythm game where your movements control a dragon; creating an immersive, rhythm-based experience

**Mode7 Browser Game Engine**

**2025**

- Built a Mode7 rendering system in JavaScript that can be run through a browser. I am currently using this engine to reverse engineer the original Mario Kart in JavaScript.

## SKILLS

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**Programming languages:** C++, Python, JavaScript, HTML, CSS, Unreal Blueprint

**Computer Software:** Adobe Photoshop, Illustrator, Substance Painter, Autodesk Maya, Blender, Unreal Engine, Godot Engine, Figma

**Other:** Web Development, Project Management, Game Programming, Level Design, UX Design