SAMI KAMAL

EDUCATION

Rutgers University, New Brunswick

Computer Science & Cognitive Science Major

- Expected Graduation May 2025

PROJECTS

Smaglantis — **An immersive indie action RPG game**

- It is an enormous open-world adventure game with lots of focus on gameplay and story aspects.
- Developed in the Godot Game Engine.

Pokémon Bot — **Automatically find shiny Pokémon**

- In the Pokémon games, it is a 1/4096 chance to find a shiny which is a rare color variant of a Pokémon.
- It can take hours for a human to find a shiny Pokémon which is tedious so this bot automates the process.

ABILITIES

- Used game engines such as Unity and Godot to create 2D action/RPG and platforming games.
- Can debug errors effectively in other people's code.
- Can create a bot to automate a task.

EXTRACURRICULARS

Delta Kappa Epsilon (Phi Chi) Chapter

- Volunteered at the Community Food Bank of New Jersey to provide meals for over 500 families.

CONTACT

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COURSEWORK

Computer Science

- Computer Architecture
- Data Structures
- Discrete Structures I
- Calculus I
- Calculus II

Cognitive Science

- Intro to Cognitive Science
- Seminar in Cognitive Science
- Cognition

SKILLS

Programming languages

- Java
- Python
- Godot Script
- C

Graphic Design

- Pixel art
- Create complex animations