# Ayan Zia

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As a Rutgers Honors Computer Science student, I am eager to apply my knowledge and continue learning to become a software engineer, creating innovative solutions and driving impactful projects.

## EDUCATION

**Academy for Information Technology**                                                                   **Scotch Plains, New Jersey**
*QPA: 97.53/100*                                                                                                     *September 2020 - June 2024*

**Rutgers University**                                                                                                 **New Brunswick, New Jersey**
*GPA: 4.0*                                                                                                               *September 2024 - May 2028*

- o **B.S. in Computer Science**
- o **Related Coursework:** Principles of Computer Science, Intro to Computer Science, Data Structures, Intro to Linear Algebra, Intro to Discrete Structures I, Computer Architecture

## EXPERIENCE

**Erickson Senior Living**                                                                                           **New Providence, New Jersey**
*Student Server*                                                                                                            *Jul 2023 – Present*

- Work as a restaurant server at a senior living facility, responsible for opening and closing duties, ensuring smooth operations throughout shifts
- Provide training for new employees, guided residents in food selections, and delivered satisfactory service to hundreds of residents daily

## PROJECTS

**Daily Vocabulary Trainer**                                                                                          *Jan 2020 – July 2023*

- Developed an iOS application that helps users memorize vocabulary through customizable flashcards, offering levels of difficulty, and modes for spelling and quizzes
- Implemented features allowing users to save and track terms, enhancing personalized learning experiences and improving vocabulary retention

**Robotics Scouting Application**                                                                                     *Nov 2023 – Jan 2024*

- Developed for our high school robotics team, designed to track and organize information on various robotics teams within the state, including their location, team number, and other critical details
- Created a viewing interface that aids in efficient scouting, allowing the team to easily access and analyze data on competing teams during events

**Monkey Jump**                                                                                                          *Apr 2024 – Jun 2024*

- Developed an engaging game where players navigate a monkey through a series of procedurally generated obstacles, jumping over rocks, bananas, and tree stumps, and ducking under birds
- Designed the gameplay to be fast-paced and reminiscent of the Chrome Dino game, offering endless fun with increasing difficulty levels

## ACTIVITIES

**Future Business Leaders of America**
*State and National Level Competitor*                                                                                 *Dec 2021 – March 2024*

- Led a 3-member team in creating a state-winning animation and delivering a presentation to judges for a competition
- Achieved first place in the state in both 2022 and 2023, advancing to the national level as finalists in both years

## SKILLS

**Programming:** Java, Swift (iOS), Python, SQL, HTML/CSS, GDScript, Kotlin
**Certifications:** Java Foundations Certified Junior Associate Certification, Oracle Database Foundations Certified Junior Associate, CompTIA: ITF+ (IT Fundamentals), Microsoft Office Specialist: Associate (Office 2019)