

# ALISHA KEWALRAMANI

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## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY  
Bachelor of Science, Information Science and Systems Technology  
Minor: Business  
GPA: 4.05 (cumulative)

**Expected May 2022**

**Summit High School**, Summit, NJ  
GPA: 4.59 (weighted, 4.0 scale)

**June 2018**

**Relevant Courses:** Object Oriented Programming and Data Structures; Information Systems and Analysis, Discrete Structures, Intro to Backend Development

## LEADERSHIP AND INVOLVEMENT

**Engineers Without Borders**, Cornell University, Ithaca, NY, *Digital Agriculture Sub Team Member* **Fall 2018 - Present**

- Manage and write code in Python that will be used for controlling water irrigation drones in Tanzania
- Update the Members section of team's website using CSS, HTML, and JavaScript

**Women in Computing at Cornell**, Cornell University, Ithaca, NY, *Member*

**Spring 2019 - Present**

- Attend workshops, meetings, and lecture series regarding working in a computer science field

**Cornell Daily Sun**, Cornell University, Ithaca, NY, *Blog Writer*

**Fall 2018 - Present**

- Write bi-weekly lifestyle articles on random topics such as the positive benefits of napping, for the blog portion of the Cornell Daily Sun (school newspaper)

**Speech and Debate**, Summit High School, Summit, NJ, *President (Grade 12), Debate Captain (Grade 11)*

**Fall 2014-June 2018**

- Led a team of over 100 students (ranked #2 statewide)
- Organized practices, encouraged sportsmanship, and helped members with their pieces and performance techniques

## PROJECTS

### Connect Four (Ruby)

*A terminal-based Connect Four clone that allows users to play against a computer AI*

- Implemented a class that allows the user to navigate the board and select which column to place their disc into
- Built a computer AI in Ruby that uses various criteria to determine its next best move
- Used object-oriented design principles by having the player classes inherit from a base Player class

### Tic Tac Toe (Ruby)

*A terminal-based Tic Tac Toe clone that allows users to play against a computer AI*

- Built a computer AI in Ruby that iterates through all the possible next moves and chooses the best one

## WORK EXPERIENCE

**The Sagamore Institute of the Adirondacks**, Raquette Lake, NY, *Administrative Intern*

**June 2019- August 2019**

- Designed and implemented a new layout for the company's website using JavaScript, HTML, and CSS
- Created weekly deposit spreadsheets using Excel to keep track of nonprofit finances
- Analyzed view counts and guest return rates on social media sites to find ways to attract more guests and increase the follower base by 10%

**Winberries Bar & Restaurant**, Summit, NJ, *Hostess*

**February 2018-August 2018**

**Willow Lake Day Camp**, Lake Hopatcong, NJ, *Swim Instructor and Lifeguard*

**June 2017- August 2017**

## AWARDS AND HONORS

- Irwin and Joan Jacobs Scholar of Engineering
- Dean's List Fall 2018 and Spring 2019
- National Merit Commended Student (Grade 11)
- Summa Cum Laude (Grades 9, 10, 11, 12)

## SKILLS

- **COMPUTER SKILLS:** Java | JavaScript | Ruby | R | Python | HTML | CSS
- **SPOKEN LANGUAGES:** English (native) | Spanish (proficient)
- **INTERESTS:** Rock climbing, photography, hiking