

# Sanya Nema

---

sanyanema@gmail.com ♦ (847) 521-6463 ♦ Buffalo Grove, IL

---

## EDUCATION

### University of Illinois Urbana-Champaign

May 2024

Bachelor of Science in Computer Science & Economics

Relevant Courses: Intro to Computer Science, CS 196: Freshman Honors, Multivariable Calculus

### Adlai E. Stevenson High School

May 2020

GPA: 4.61/5.0

Relevant Courses: AP Computer Science, AP Calculus BC, AP Physics C, Advanced Linear Algebra

## EXPERIENCE

### University of Illinois-Chicago

Chicago, IL

Research Intern

Jun 2019 - Aug 2019

- Developed a model database to understand how differential privacy is used to promote data safety
- Incorporated probability and statistics within methods to ensure accuracy
- Researched differential privacy's impacts on user security for large companies

### NASA Goddard Space Flight Center

Greenbelt, MD

Research Intern

Jun 2018 - Aug 2018

- Built Python program to visualize soil moisture data in South Africa acquired from NASA's SMAP satellite during water crisis of 2018
- Created a poster to summarize my findings and presented to peers and professors at high school symposium

## LEADERSHIP & ACTIVITIES

### CUBE Consulting

Champaign, IL

Consultant

Sep 2020 - Present

- Collaborating with team of consultants to deliver a dynamic webscraper to assess industry readiness of products
- Working with BeautifulSoup library to parse webpages and create summarized reports of technologies

### Future Business Leaders of America (FBLA)

Lincolnshire, IL

Freshman Advisor

Sep 2016 - May 2020

- Guided underclassmen on presentation and interview skills to encourage member development
- Participated in regional, state and national-level competitions throughout club career

### Debate Club

Lincolnshire, IL

Research Coordinator

Sept 2016 - May 2020

- Advised groups of students on improving their research and speech skills
- Planned and led debate program for 40+ middle schoolers to motivate later debate participation
- Refined public speaking skills and understanding of congressional debate

## PROJECTS

### Jeopardy Game

April 2019 - July 2019

- Developed FBLA-themed Jeopardy game to educate students about important business topics
- Utilized Java to build the backend and frontend of the game
- Awarded 2<sup>nd</sup> place at state-level competition

## SKILLS

**Languages:** Java, Python, HTML, CSS, Git, Javascript, Terminal

**Frameworks/IDEs:** Android Studio, Django, VSCode