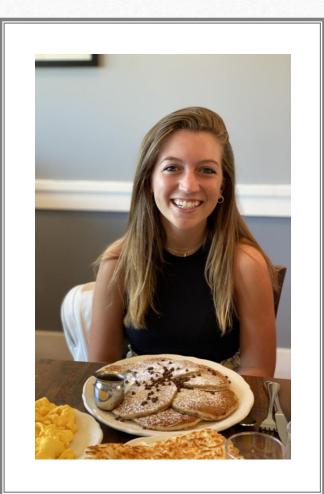
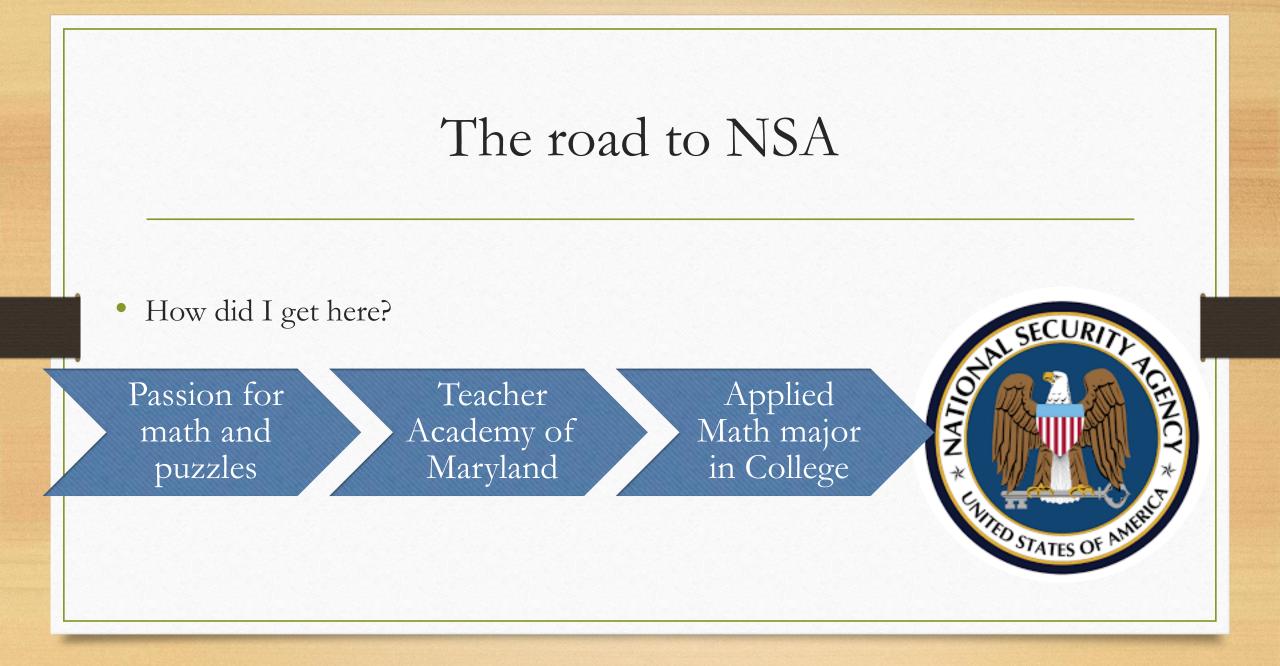
# Summer Internship: National Security Agency

By: Michaela Cohee



# Background

- Applied Mathematics Major
  - Minors: Computer Science, Statistics, Data Science
  - Bellavance Honors College
- Graduation: Dec 2021
- Resident Assistant since 2019



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	Apply on		COVID-19		More Processing		Internship	
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### Internship breakdown

- Entered in May
- Was given three tasks to complete for my team in my 12-week period
- Opportunity to telework
- Concluded summer by preparing and conducting two official briefs to superiors
- Ended in August with multiple offers

#### XAG (Cross Access Geolocation)

- Directly contributed to the development and engineering of highly complex software services and platform architectures
- Worked on emerging technologies as a mathematician
  - Algorithms, design and analysis of tools etc.
  - Unique experience as a math major to provide my own insight
- Office extended me a contingent job offer!



# How Salisbury prepared me!

- Mathematics Coursework:
  - Calc I, II, III
  - Statistical thinking, Discrete, Linear, Differential Equations, Design & Analysis
  - Analysis I, Math Stat I & II
- Currently:
  - Math Models & Applications
  - Dynamics & Chaos

#### • Skills utilized

- Problem solving/analytic skills
- Pulling from experience
- Networking
- Adapt adapt adapt!!



Next Steps...

- Job offer decision
  - Direct Hire vs. Development programs
- Graduation
- Begin my Career with NSA full time!



## Thank you for listening!