

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

The road to NSA

- How did I get here?

Passion for
math and
puzzles

Teacher
Academy of
Maryland

Applied
Math major
in College





Applying... and waiting...



TIMELINE

Forms...Forms...Forms
 Background investigation
 Polygraph/ Psych Eval.
 Interviews/ CJO
Dec. 2019-Feb 2020

Reapply on
 intelligenceCareers.com
Sept. 2020

FJO
March 2021

Sept. 2019
 Apply on
 intelligenceCareers.com

March 2020
 COVID-19
 Internship cancelled

Dec. 2020-Feb 2021
 More Processing
 CJO

May 18th-Aug. 6th
 Internship

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!
