





# CRISTINA I. FORTIZ


COMPUTER SCIENTIST


## CONTACT INFO

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 Status: Single

 Born: 06.09.1993, US

 Parkstrasse 71-73,  
Wiesbaden, DE 65189

## PROGRAMMING LANGUAGES

- Python
- JavaScript
- Kotlin
- Java
- SQL

## LANGUAGES

- English: Native/Fluent
- Spanish: Heritage
- German: A2 Learning

## TECHNOLOGIES

- Scikit-Learn
- TensorFlow
- PyTorch
- Weka
- Pandas
- NumPy
- SpaCy
- NLTK
- Transformers
- AWS Cloud
- Google Cloud
- Hadoop
- Spark
- Pig
- Kibana
- Elasticsearch

## EDUCATION

### Masters of Science, Computer Science

2023-2025

Johns Hopkins University

Relevant Coursework: Applied Machine Learning, Data Visualization, Natural Language Processing, Android App Development

### Masters of Science, Cybersecurity

2017-2021

Johns Hopkins University

Relevant Coursework: Network Security, Algorithms, WWW Security, Web Application Development

### Bachelor of Science, Information Systems

2012-2017

University of Maryland, Baltimore County

CWIT Scholar (Center for Women in Technology, NSF Funded)

## WORK EXPERIENCE

### Digital Network Exploitation Analyst (DNEA)

#### National Security Agency (NSA)

USA, Overseas Field Site | 2016 – present

*Active TS/SCI w/ Poly Clearance*

- Completed the Digital Network Exploitation Analyst (DNEA) Development Program (DDP), a competitive three-year rotational program specializing in cybersecurity, network exploitation, and adversarial tactics.
- Developed analytic solutions adopted by 90% of cross-location organizations, transforming complex datasets into actionable intelligence insights to drive key stakeholder decisions.
- Automated cybersecurity workflows, reducing manual effort by 30%, using machine learning, Docker, and cloud-based environments.
- Applied generative AI and anomaly detection models to large-scale intelligence datasets, increasing critical data relevancy by 60%.
- Conducted deep packet analysis to uncover top-tier threat intelligence, enhancing cybersecurity measures and early threat detection.
- Served as an AI/ML Subject Matter Expert (SME), leading over 25 in-house AI/ML tool developments and providing training across intelligence organizations.
- Collaborated with domestic and international cybersecurity partners, analyzing top terror threat intelligence and developing high-value productivity tools used worldwide.