

# Jasmine M. DeHart, Ph.D.

jasdehart@gmail.com · jasminedehart.com · Active Clearance · Patrick SFB, FL

## SUMMARY OF QUALIFICATIONS

Experienced computer scientist, researcher, and leader with a proven track record in developing innovative solutions and delivering results. Skilled in various programming languages and adept in computer vision, qualitative analysis, and natural language processing.

## INDUSTRY EXPERIENCE

**Air Force Technical Applications Center** · Patrick SFB, FL

**Computer Scientist** · Feb 2024 - Present

- Managing communication and information operations, plans, polices, and resources for machine learning and artificial intelligence
- Supporting reliable and secure cyber operational testing and issues
- Researching, designing, and prototyping machine learning and artificial intelligence software, systems, and methodology across the center

**Computer Scientist** · Nov 2023 - Feb 2024

- Researching, designing, and developing software, systems, and methodology
- Creating and utilizing modeling and simulations to assess outcomes of problems and studies
- Promoting a collaborative environment for consulting, guidance, support, and assistance

**Institute for Defense Analyses** · Alexandria, VA

**Adjunct Research Assistant** · Aug 2019 - Dec 2020

- Reduced project completion time by 18% with the implementation of machine learning and data analysis techniques to solve and enhance processes
- Leveraged state-of-the-art machine learning models and packages to conduct research which formed the basis for key data, trends, and metrics in projects
- Conducted in-depth analysis of implementation strategies leading to effective deployment and execution

**Intern, Information Technology and Systems Division** · May 2019 - Aug 2019

- Supported projects and missions for the Army Corps of Engineers and National Guard
- Implemented machine learning and data analysis techniques to solve and enhance workflow bottlenecks

## TEACHING EXPERIENCE

**University of Oklahoma** · Norman, OK

**Instructor, Text Analytics** · Jan 2023 - May 2023

- Trained, supported, and coached team members on projects, course activities, and grading
- Crafted syllabus, lectures, projects, and course activities for 60 graduate-level students
- Addressed student concerns and offered support to students through office hours
- Conducted in-person and online courses using various teaching strategies

**Teaching Assistant, Distributed Operating Systems** · Aug 2022 - Dec 2022

- Supported in facilitation and execution of course activities, grades, and lectures
- Oversaw grading and daily communication for 30 graduate-level students
- Conducted in-person and online office hours to support students

**Teaching Assistant, Operating Systems** · Aug 2022 - Dec 2022

- Supported in facilitation and execution of course activities and grades

- Oversaw grading and daily communication for over 100 students
- Trained, supported, and coached teaching assistants on projects, course activities, and grading
- Conducted in-person and online office hours to support students

**Teaching Assistant, Text Analytics** · Jan 2022 - May 2022

- Supported in facilitation and execution of course activities and grades
- Oversaw grading and daily communication for over 60 graduate-level students
- Conducted in-person and online office hours to support students
- Identified and streamlined the grading process resulting in a 200% increase in grading speed and a 50% increase in grading consistency

**Graduate Research Assistant** · Aug 2017 - May 2023

- Engineered a visual privacy scoring methodology and ethical frameworks using Python, qualitative analysis, and machine learning
- Spearheaded multiple successful collaborative projects with various peers, resulting in the publication of several papers in privacy, machine learning, and connected environments
- Assisted 3 research scientists in 10+ research projects pertaining to privacy, machine learning, and connected environments
- Mentored 7 undergraduate research assistants with daily laboratory tasks

EDUCATION

**Doctor of Philosophy** in Computer Science · University of Oklahoma May 2023  
*Dissertation: Visual Privacy Mitigation Strategies in Social Media Networks and Smart Environments*

**Master of Science** in Computer Science · University of Oklahoma May 2020

**Bachelor of Science** in Computer Science · Philander Smith University May 2017

TRAINING AND CERTIFICATIONS

**CompTIA Security+**, CompTIA, 2024

**Leadership Effectiveness and Empowerment Program** (128 hours), AFTAC Workforce Development, 2024

**Dynamic Teaming** (16 hours), Air Force Institute of Technology, 2024

**Understanding Generations** (16 hours), Air Force Institute of Technology, 2024

**Cultural Competence in Computing Fellow Program** (30 hours), Alliance for Identity-Inclusive Computing Education, 2020-2022

PUBLICATIONS HIGHLIGHTS

**DeHart, J.**, Visual Privacy Mitigation Strategies in Social Media Networks and Smart Environments University of Oklahoma. May 2023.

**DeHart, J.**, Everyone Can Be a Cyborg: University of Alabama, Tuscaloosa, AL XRDS: Crossroads, The ACM Magazine for Students. January 2023.

**DeHart, J.**, Developing and enhancing our realities XR Lab, UC Berkeley XRDS: Crossroads, The ACM Magazine for Students. October 2022.

Number of Journals: 2      Number of Conferences: 2      Number of Magazines: 10  
 Total Publications: 20      Total Citations: 53