Jasmine M DeHart

CONTACT
INFORMATION

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EDUCATION

Doctor of Philosophy in Computer Science · University of Oklahoma   May 2022
Data Lab — Advisor: Christan Grant
Master of Science in Computer Science · University of Oklahoma   May 2020
Bachelor of Science in Computer Science · Philander Smith College   May 2017
Summa Cum Laude · Distinction in Field · GPA: 3.85

GRAD RESEARCH
PROJECT

OU Data Lab, VIPER Project, Aug 2017 - Present
- Many users post images that contain privacy leaks in regard to themselves or someone else. Private images can include baby faces, credit cards, phone numbers, social security cards, and etc. I propose the use of supervised learning techniques that will train machine learning models to identify and score private images.

RECENT
PUBLICATIONS

- Network connectivity made easy with the NetRecon lab. XRDS: Crossroads, The ACM Magazine for Students. March 2021

- Fast, private, and fair. XRDS: Crossroads, The ACM Magazine for Students. December 2020

- Considerations for Designing Private and Inexpensive Smart Cities. The Sixteenth International Conference on Wireless and Mobile Communications (ICWMC). pg 30-33. Porto, Portugal. 2020.

- Social Media and the Scourge of Visual Privacy, Information 2020, 11(2), 57

EXPERIENCE

- **UK NACME Google Applied Machine Learning Intensive (AMLI) Summer 2021 Bootcamp**, Teaching Assistant, June 2021 - July 2021

  - Teach and interact with the AMLI students
  - Collaborate on research with the Network Reconnaissance Lab

- **Institute for Defense Analyses**, Intern in Information Technology and Systems Division, May 2019 - Dec 2020 · *Security Clearance: Secret*

  - Projects working with the Army Corps of Engineers and National Guard
  - Implementing machine learning and data analysis techniques to solve and enhance processes

- **Arkansas Blue Cross Blue Shield**, Intern in Enterprise Underwriting, May 2017 - Aug 2017

  - System tester for current enrollment system
    * Tested for end user experience on application
    * Diagnosed issues in the enrollment system
    * Updated and sorted information in database to expedite testing process
  - Enhancements on new enrollment (Total Enrollment Solution) software
    * Entrusted to create agent profiles for new enrollment system
    * Evaluated ease of use and end user experience on new system

- **Philander Smith College**, College Math Tutor at Philander Smith College, Oct 2015 - May 2017

- Served as a Teaching Assistant in College Math and College Algebra Courses.
- Provided tutoring hours in group and individual sessions for students.

- **Philander Smith College**, LSAMP Researcher, Aug 2013 - May 2017
  - Completed several research projects under the direction of Samar Swaid, PhD
  - Presented research projects at various national, regional, and local conferences

- **Naval Research Laboratory**, Intern in Center for Computational Science, May 2016 - Aug 2016
  - Conducted system hardening using Department of Defense (DoD) Security Technical Implementation Guides (STIGs) on Windows operating systems
  - Patch management and virus containment for Mac and Windows operating systems

- **Naval Research Laboratory**, Intern in Space Sciences, May 2015 - Aug 2015
  - Created a prediction tool (incorporated in website) to find severity of Coronal Mass Ejections' impact based on several determinants
  - Developed and designed a website from scratch that encompassed my findings using HTML5 and JavaScript
    * Development of a Coronal Mass Ejections intensity prediction tool
      · American Geophysical Union, December 2015

PRESENTATIONS

- Considerations for Designing Private and Inexpensive Smart Cities, The Sixteenth International Conference on Wireless and Mobile Communications (ICWMC), October 2020
- Help!? I Need an Idea For My Dissertation, TAPIA Conference, September 2020
- Exploring Biases in Privacy Protection Techniques, IEEE Symposium on Security and Privacy, May 2019
- Visual Inspection for Personal Exposed Records
  - AT&T Labs Graduate Student Symposium, Nov 2018
- Visual Content Privacy Leaks on Social Media Networks
  - IEEE Symposium on Visualization for Cyber Security, Oct 2018
- Visual Content Privacy Leaks on Social Media Networks
  - IEEE Symposium on Security and Privacy, May 2018

AWARDS AND
RECOGNITION

- Legacy Builder Award, Sigma Gamma Rho Sorority, 2021
- Richard Tapia Celebration for Diversity in Computing Student Scholarship, 2020
- IEEE S&P Student Travel Award, 2019
- SMART Scholar, 2019
- GEM Fellow, 2019
- NextProf Science Workshop, 2019
- Ford Predoctoral Fellowship Honorable Mention, 2019
- GREPSEC Workshop Travel Award, 2019
- Black in AI Workshop Student Travel Grant, 2018
- AT&T Labs Graduate Student Travel Award, 2018
- VizSec Diversity Scholarship Award, 2018

- IEEE Secon Student Travel Grant, 2018
- NSF Louis Stokes Alliance for Minority Participation Bridge to the Doctorate Fellow, 2017

SKILLS   Python, JavaScript/HTML, C++, C, Java, Mininet, NS2, Windows Server Update Services (WSUS), Security Technical Implementation Guides (STIGs), Assured Compliance Assessment Solution (ACAS), Host Based Security System (HBSS)

SERVICE
- Panelist, Life in Grad School, exploreCSR@URI Workshop, 2021
- Panelist, Coded Bias Discussion, Circle Cinema, 2021
- Student Volunteer, XRDS: Crossroads, The ACM Magazine for Students, 2020 - Present
- Co-Organizer, Help!? I Need an Idea For My Dissertation. (Panel Discussion), Richard Tapia Celebration for Diversity in Computing, 2020
- Chapter President, WiCys at the University of Oklahoma, 2020
- Youth Symposium Coordinator, Sigma Gamma Rho Sorority, Inc., 2020
- Planning Committee, Computer Science Banquet, 2020
- DataBite Workshop Coordinator, OU DALab, 2020
- Chapter President, WiCys at the University of Oklahoma, 2019 - Present
- Officer, Computer Science Graduate Student Association, 2018 - Present
- DataBite Workshop Coordinator, OU DALab, 2018
- Mentor, National Society of Black Engineers Mentor program, 2018 - Present
- Robotics Volunteer, Local Elementary Schools, 2018 - Present
- Web Master, Computer Science Graduate Student Association, 2018 - 2019
- Recruitment, University of Oklahoma at ACM Richard Tapia Celebration for Diversity in Computing, 2018
- Panelist, How to Pay for Graduate School: Humanities, Social Sciences & STEM, 2018
- Panelist, Undergraduate Transition into Graduate School, 2018

MEMBERSHIP
- Cultural Competence in Computing (3C) Fellows Program, 2020 - Present
- WiCys at the University of Oklahoma, 2019 - Present
- WiCys Student Member, 2019 - Present
- ACM Student Member, 2018 - Present
- IEEE Student Member, 2018 - Present
- IEEE Communications Society Member, 2018
- Sigma Gamma Rho Sorority, Inc., 2018 - Present
- Computer Science Graduate Student Association, 2017 - Present
- National Society of Black Engineers, 2017 - Present
- Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP), 2017 - 2019
- Arkansas Louis Stokes Alliance for Minority Participation (ARK-LSAMP), 2013 - 2017
- American Geophysical Union Member, 2015