

# Jasmine M DeHart

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## CONTACT INFORMATION

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## EDUCATION

**Doctor of Philosophy** in Computer Science · University of Oklahoma May 2022  
Data Analytics Lab  
Advisor: Christan Grant  
**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 Analytics Lab**, Visual Content Privacy Leaks on Social Media Networks, 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 a supervised learning technique that will train machine learning models to identify and score private images.
  - AT&T Labs Graduate Student Symposium, Nov 2018
  - IEEE Symposium on Visualization for Cyber Security, Oct 2018
  - IEEE Symposium on Security and Privacy, May 2018
  - Graduate student Poster Fair, Nov 2017
  - CS Education Week, Dec 2017

## EXPERIENCE

- **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

#### PUBLICATIONS

- Visual Content Privacy Leaks on Social Media Networks
  - IEEE Symposium on Security and Privacy, May 2018

#### PRESENTATIONS

- 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
- Usability of Visualization Systems (Used heuristic evaluation to inspect ParaView, an open-source visualization application)
  - Emerging Researchers National Conference, Mar 2017
  - Posters at the Capitol, Feb 2017
- Quality of Websites Selling Digital Products (Established core characteristics that can enhance the quality of websites that sell digital products)
  - Arkansas Louis Stokes Alliance for Minority Participation (Ark-LSAMP) Spring Research Conference, April 2016
  - Philander Smith College Cyber Infrastructure Day, Apr 2016
  - Emerging Researchers National Conference, Feb 2016
- Categories and Accuracy of Image Tagging (Identified noise, relevancy and accuracy in picture tagging among users)
  - Philander Smith College Research Forum, Apr 2015
  - Arkansas Louis Stokes Alliance for Minority Participation (Ark-LSAMP) Spring Research Conference, Apr 2015
- Development of a CME-associated geomagnetic storm intensity prediction tool
  - American Geophysical Union (AGU) Fall Meeting, Dec 2015
- A Framework for Modeling Usability of Text-based CAPTCHA (Identified the usability criteria of text-based CAPTCHA based on a content analysis study)
  - Grace Hopper Celebration, Oct 2014
  - Philander Smith College Cyber Infrastructure Day, Apr 2014
  - Arkansas Louis Stokes Alliance for Minority Participation (Ark-LSAMP) Spring Research Conference, Apr 2014
  - The Arkansas Academy of Science 98th meeting, Apr 2014

AWARDS AND  
RECOGNITION

- 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

- Mentor, National Society of Black Engineers Mentor program, 2018 - Present
- Web Master, Computer Science Graduate Student Association, 2018 - Present
- Robotics Volunteer, Local Elementary Schools, 2018 - Present
- 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

- ACM Student Member, 2018
- IEEE Student Member, 2018
- IEEE Communications Society Member, 2018
- Sigma Gamma Rho Sorority, Inc., 2018 - Present
- Computer Science Graduate Student Association, 2017 - Present
- Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP), 2017 - Present
- National Society of Black Engineers, 2017 - Present
- Arkansas Louis Stokes Alliance for Minority Participation (ARK-LSAMP), 2013 - 2017
- American Geophysical Union Member, 2015