Jasmine M DeHart

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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, August 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. We 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, November 2018

  – IEEE Symposium on Visualization for Cyber Security, October 2018

  – IEEE Symposium on Security and Privacy, May 2018

  – Graduate student Poster Fair, November 2017

  – CS Education Week, December 2017

EXPERIENCE

- **Arkansas Blue Cross Blue Shield**, Intern in Enterprise Underwriting, May 2017 - August 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 (PSC)**, College Math Tutor at Philander Smith College, October 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, August 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 (NRL)**, Intern in Center for Computational Science, May 2016 - August 2016 · *Security Clearance: Secret*

  – Conducted system hardening using Department of Defense (DoD) Security Technical Implementation Guides (STIGs) on Windows 7 operating system

  – Patch management and virus containment for Mac and Windows operating systems

- **Naval Research Laboratory (NRL)**, Intern in Space Sciences, May 2015 - August 2015 · *Security Clearance: Secret*
  - 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, November 2018
- Visual Content Privacy Leaks on Social Media Networks
  - IEEE Symposium on Visualization for Cyber Security, October 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)
  - Posters at the Capitol, February 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, April 2016
  - Emerging Researchers National Conference, February 2016
- Categories and Accuracy of Image Tagging (Identified noise, relevancy and accuracy in picture tagging among users)
  - Philander Smith College Research Forum, April 2015
  - Arkansas Louis Stokes Alliance for Minority Participation (Ark-LSAMP) Spring Research Conference, April 2015
- Development of a CME-associated geomagnetic storm intensity prediction tool
  - American Geophysical Union (AGU) Fall Meeting, December 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, October 2014
  - Philander Smith College Cyber Infrastructure Day, April 2014
  - Arkansas Louis Stokes Alliance for Minority Participation (Ark-LSAMP) Spring Research Conference, April 2014
  - The Arkansas Academy of Science 98th meeting, April 2014

AWARDS AND RECOGNITIONS	• 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 • Web Master, Computer Science Graduate Student Association, 2018 • Robotics Volunteer, Local Elementary Schools, 2018
MEMBERSHIP	• ACM Student Member, 2018 • IEEE Student Member, 2018 • IEEE Communications Society Member, 2018 • 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