Jasmine M DeHart

CONTACT INFORMATION	Email: dehart.jasmine@ou.edu Phone: 314-665-8158 Website: jasminedehart.com

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

- With fairness and generalizability for all: Kingston, Rhode Island, USA.. XRDS: Crossroads, The ACM Magazine for Students. June 2021.
- Help!: I need an idea for my dissertation. XRDS: Crossroads, The ACM Magazine for Students. June 2021.
- 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
  - Support teachers in facilitating and executing day to day classroom activities
  - Working with students to enhance the learning process
  - Assist teachers with grading assignments and communicating policy changes
  - Collaborate on research with the Network Reconnaissance Lab at UK
  - Create a short term research project for hands on machine learning applications
  - Lead a research project for a group final project

- **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 - Youth Symposium Coordinator, Sigma Gamma Rho Sorority, Inc., 2020 - Planning Committee, Computer Science Banquet, 2020 - Chapter President, WiCys at the University of Oklahoma, 2019 - Present - Officer, Computer Science Graduate Student Association, 2018 - Present - Mentor, OK-LSAMP, 2018 - Present - DataBite Workshop Coordinator, OU DALab, 2018 - 2021 - Mentor, National Society of Black Engineers Mentor program, 2018 - 2020 - Robotics Volunteer, Local Elementary Schools, 2018 - 2020 - 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

- 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