

Lisa Egede

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Education

The University of Oklahoma (OU)

B.S. in Computer Science, Minor in International Studies | GPA: 3.24/4.00

Norman, OK
Fall 2015–Current

Research Experience

Microsoft Research (MSR)

Undergraduate Research Intern

New York City (Remote), NY
Summer 2020

- Collaborating with MSR researchers and PhD interns in the F.A.T.E (Fairness, Accountability, Transparency Ethics in AI) group
- Worked with research team to develop study protocol for 3-phase qualitative research study
- Participated in weekly lab meetings and gave presentations on topics related to summer research and other relevant literature

University of Oklahoma - Data Analytics Lab

Undergraduate Researcher

Norman, OK
Spring 2018 - Current

- Modified an object detection script to identify and block images that contained privacy leaks
- Worked closely with PhD candidate to analyze the effects of racial bias in data sets
- Research poster accepted into the 2019 IEEE Symposium on Security and Privacy

University of Oklahoma - Independent Research

Undergraduate Researcher

Arezzo, Italy
Fall 2017

- Collaborated remotely with an OU Professor to identify potential biases in OU's holistic admissions process
- Successfully completed a Human Subjects Research training to better understand ethical interviewing protocols
- Gathered information and interviewed directors of OU's Admissions office to identify potential biases in their holistic admissions process

Internships

Chevron

Software Development Intern

Houston, TX
Summer 2019

- Developed a web application using Microsoft PowerApps; with the solution being to help improve data collection and ease metrics tracking process for 167 employees in the Upstream IT department
- Worked with interns from various departments in IT to develop 2 web applications for Chevron's internal Hackathon

University of Oklahoma in Arezzo

Marketing and Media Intern

Arezzo, Italy
Fall 2017

- Designed OUA touch screen, a product that kept students updated with current events in Italy and the U.S.
- Incorporated 'transportation strikes and travel advisories' feature to help students save time and money

Publications

1. J. DeHart, L. Egede, C. Grant, Poster: "Exploring Biases in Vision Privacy Protection Techniques", IEEE Symposium on Security Privacy, May 2019

Skills

- **Programming Languages:**
 - Java - Skilled
 - C - Proficient
 - C++, Python - Prior Experience
 - SQL, Bash
- **Front End Languages:** HTML, CSS
- **Design Tools:** Balsamiq, Sketch, Adobe XD, Figma

Relevant Coursework

- Text Analytics
- Algorithm Analysis
- Human Computer Interaction
- Artificial Intelligence
- Computer Security

Projects

See full list and details of projects on www.lisaegede.com/projects

- SQS Checker (Computer Security, Fall 2019)
Security question strength checker
- Ambrosia (Fall 2019)
Game launcher for emulated games

Extracurricular Activities

- Secretary of OU's National Society of Black Engineers Fall 2018 –Spring 2020
- Marketing Strategist for Hacklahoma (OU's Annual Hackathon) Spring 2019 –2020
- Head Counselor for AT&T Summer Bridge Program Summer 2018
- Secretary for OU's Women of Power Spring 2016 –2018

Conferences & Workshops

- Tapia Diversity in Computing Conference (Virtual) - Atlassian Scholar September 2020
- Grace Hopper Conference Attendee (OU Computer Science Sponsored) October 2019
- Facebook Product Design Summit Attendee September 2019
- Duke Sloan Grad School Bootcamp Attendee September 2019
- Tapia Diversity in Computing Conference - Microsoft Scholar September 2019
- NSBE National Convention Attendee March 2019
- BP Sophomore Experience Attendee Summer 2018

Scholarships and Awards

- Oklahoma - Louis Stokes Alliances for Minority Participation (LSAMP) Scholar Fall 2019–Spring 2020
- Hacklahoma Top 10 Team Winner Spring 2019
- Engineering Diversity and Inclusion Scholar Fall 2018–Spring 2020
- Chevron INROADS Scholar Spring 2018–Spring 2019
- Shell Leads Diversity (NSBE) Scholar Spring 2019
- Presidents International Travel Fellowship Recipient Fall 2017