OZIOMA C. OGUINE

PH.D. Student, University of Notre Dame, Notre Dame.

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EDUCATION

The University of Notre Dame   Notre Dame, IN
Ph.D. Computer Science and Engineering   2022-Present
Specialization: Human-Computer Interaction
Advisor: Dr. Karla Badillo-Urquiola

University of Abuja   Abuja, Nigeria
B.Sc. Computer Science   February 2020
Summa Cum Laude, **Vice Chancellor's List; GPA: 3.85/ 4.00**

National Open University Of Nigeria   Abuja, Nigeria
B.Sc. Information Technology   February 2020
Magna Cum Laude; GPA: 3.47/ 4.00

RESEARCH INTERESTS

Human-Computer Interaction (HCI), **A**dolescent Online Safety & Privacy, **R**esponsible-AI,
  Disability Studies, **U**nderrepresented/Marginalized Users

RESEARCH EXPERIENCE

CENTER FOR DEMOCRACY AND TECHNOLOGY   Washington D.C
Research Intern   Summer, 2024
  - Co-led a project investigating the role of parents' and teens' values in shaping their
    perspectives on and adoption of online safety policies for children. Contributed to a
    white paper in the AI-Gov Lab researching participatory approaches to AI and
    algorithmic auditing practices with a focus on marginalized communities. Authored a
    blog post advocating for the inclusion of teen voices in online safety policy discussions.

RESEARCH EXPERIENCE

University of Notre Dame   Notre Dame, IN
Graduate Research Assistant (EPOCH Research Lab)   2022– Present

   PROJECT: Adolescent Online Safety for Children in Need of Services (CHINS)
  - Gathered and processed social media data pertaining to adolescent online safety among
    Children in Need of Services (CHINS), employing topic modeling techniques like LDA and
    NMF. Led the qualitative coding and thematic analysis process to identify patterns and
    insights in textual data, categorizing and labeling relevant content.

- Documented and submitted a first-authored conference paper on my research findings at a premier HCI venue.

   PROJECT: Co-Designing with Foster Youth Online Safety Interventions
- Assisted in Conducting user feedback analysis, interviews, and co-design workshops with foster youth and stakeholders to identify insights and pain points to improve online safety interventions.
- Presented project findings through presentations and posters to colleagues and peers.

University of Abuja   Abuja, Nigeria
Undergraduate Research Assistant [Dr. Hashim Ibrahim Bisallah]   2019 – 2021

   PROJECT: Facial Emotion Recognition to facilitate Mental Health
- Led the Development and implementation of a facial recognition algorithm for emotion detection, collaborating with mental health experts to define monitored parameters and conducting usability testing for system refinement.
- *Documented project progress and findings for an IEEE Conference paper on HCI4D, emphasizing the collaborative approach and user-centric improvements.*

SELECTED CONFERENCE PAPERS

[2023-W1]: Ozioma C.Oguine, Jinkyung Katie Park, Jinkyung Katie Park, Johanna Olesk, Abdulmalik Alluhidan, Pamela J. Wisniewski, and Karla Badillo-Urquiola. (2025) "How the Internet Facilitates Adverse Childhood Experiences for Youth Who Self-Identify as in Need of Services" **accepted** to the 2025 ACM CSCW Conference.

[2023-W1]: Ozioma C.Oguine, Oghenemaro Anuyah, Emelia Hugh and Badillo-Urquiola, K. (2024) "Examining Mainstream News Media Narratives on Youth Online Safety" Late breaking work paper **accepted** to the 2024 ACM CSCW Conference, Costa Rica.

SELECTED WORKSHOP PAPERS

[2023-W3]: Ozioma C.Oguine and Karla Badillo-Urquiola. (2023) "You Don't Belong Here: Ableist Microaggressions on Adolescents with Disability(ies) and Special Needs in Social Virtual Reality (VR)" Workshop Paper presented at the workshop on combating toxicity, harassment, and abuse in online social spaces at the 2023 ACM Conference on Human Factors in Computing Systems (CHI 2023), Hamburg, Germany.

[2023-W2]: Ozioma C.Oguine, Yaxing Yao, and Karla Badillo-Urquiola. (2023) "Investigating Adolescent Online Safety and Privacy Interventions for Social Virtual Reality" Workshop Paper presented at the workshop on Privacy Interventions and Education (PIE): Encouraging Privacy Protective Behavioral Change at the 2023 ACM Conference on Human Factors in Computing Systems (CHI 2023), Hamburg, Germany.

POSTER PRESENTATION

[2023-P2]: Ozioma C.Oguine, Ruyuan Wan, and Karla Badillo-Urquiola.(2023) "Co-Designing with Foster Youth Online Safety Interventions" Poster presented at the 15th Annual CSE Student Poster Contest and Lunch, University of Notre Dame, IN.

[2022-P1]: Ozioma C.Oguine, Ruyuan Wan, and Badillo-Urquiola, K.(2022) "Co-Designing with Foster Youth Online Safety Interventions" Poster presented at the Lucy Family Institute for Data and Society Fall Symposium, University of Notre Dame, IN.

AWARDS AND FELLOWSHIPS

- AccessComputing **Student Travel Grant** for TAPIA 2024   **2024**
- CRA-WP **Grad Cohort Travel Grant** (Workshop for IDEALS)   **2024**
- **Nominee** Notre Dame Graduate Student **Black Excellence Award**   **2024**
- AccessComputing **Student Travel Grant** for TAPIA 2023   **2023**
- **Graduate Justice Fellowship.** University of Notre Dame   **2023-2024**
- HCIC **Doctoral Student Travel Grant** (HCIC 2023)   **2023**
- **TEEWS Graduate Fellowship** University of Notre Dame   **(Summer) 2023**
- **Winner** Rosatom "Atom Empowering Africa" Innovation Nuclear Challenge   **2021**
- 2021 EducationUSA Fellow   **2021**
- Junior Achievement Data Analytics **Scholarship Awardee**   **2021**
- **Best Graduating Student** Computer Science Department Award   **2020**
- **Overall Best** Research Student Award   **2020**
- Dean's Academic Excellence Award **(Top 2% Student)**   **2020**
- National Institute of Information Technology (NIIT) Scholarship   **2019**

TEACHING EXPERIENCE

UNIVERSITY OF NOTRE DAME   Notre Dame, IN
Graduate Teaching Assistant (TA)   2022 - 2023
- CSE 40113 - (Fall 2023): Design/Analysis of Algorithms [126 Students]
- CSE 40175 - (Spring 2023): Ethical and Professional Issues [80 Students]
- CSE 40431 - (Fall 2022): Programming Languages [26 Students

UNIVERSITY OF ABUJA   Abuja, Nigeria
Undergraduate Teaching Assistant (TA)   2017 - 2019
- CSC 400 - (Spring 2019): Research Project
- CSC 303 - (Fall 2018): Computer Architecture
- CSC 203 - (Fall 2017): Computer Programming 1

TECHNICAL SKILLS

UX Research/ Design: Mixed methods, UI/UX design, Affinity Diagramming, Storyboarding, Usability Testing, Interview, Participatory Design, Balsamiq/Figma, Thematic Analysis, Survey Design, Journey Mapping, contextual observation, Prototyping
Programming Languages: Python, MS SQL Server, C++
Development: Bootstrap, Html, CSS, Javascript, ReactJS
Statistical Analysis: ANOVA, Paired t-tests

PROFESSIONAL MEMBERSHIPS

Student Member: Association of Computing Machinery (ACM)
Associate Member: British Computer Society (BCS)
Member: Black in AI
Collegiate Member: National Society of Black Engineers (NSBE)
Member: International Association of Engineers (IAENG) in Artificial Intelligence

INVITED TALKS

[2023-T2] Identity & Computing Lecture Series: on "Experience of Computing Students with Disabilities" https://www.youtube.com/watch?v=yfsDo63WlCY

[2022-T1] Cambridge University IGCSE Global Perspectives Documentary on "Will AI make Poverty worse in the 21st Century?." https://youtu.be/BuHvduBK0Rc

ACADEMIC SERVICES

Conference Participation:
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- Paper Reviewer CSCW25
- Paper Reviewer CHIPLAY24
- Paper Reviewer CHI23

Conference Award:
- **Special Recognition** on Outstanding Review CHIPLAY24

MENTORING

Role: Graduate Student Mentor at EPOCH Research Lab

Mentees:
- **Danielle Radford** ND, B.S. Computer Science
- **Dominic Blacno,** ND, B.S. Computer Science (Current Software developer at Oracle)
- **Eliza Thayer,** ND, B.S. Computer Science
- **Matthew Chou**, ND, B.S. Computer Science