Oghenemaro **Anuyah**

PH.D STUDENT (2023 EXPECTED) · UNIVERSITY OF NOTRE DAME

54701 Burdette Str. | Apt 2101 | South Bend, Indiana, USA

+1 (208) 515 0226 | oanuyah@nd.edu | anuyahmaro.github.io | anuyahmaro | oghenemaroanuyah | oanuyah

Education

Ph.D in Computer Science and Engineering   *Jan 2020 - PRESENT*

UNIVERSITY OF NOTRE DAME   *Notre Dame, IN*

- **Advisor:** Dr. Ronald Metoyer

Ph.D in Computer Science (transferred out)   *Aug 2018 - Dec 2019*

BOISE STATE UNIVERSITY   *Boise, ID*

M.S in Computer Science   *Aug 2016-Jul 2018*

BOISE STATE UNIVERSITY   *Boise, ID*

B.S in Computer Science   *Nov 2008-Oct 2012*

DELTA STATE UNIVERSITY   *Delta, NG*

Technical Skills

Legend: Used in most projects / several projects / one or two projects.

UX Methods	Usability test, Interview, Observation, Surveying
Data Science / Machine Learning / AI	Logistic Regression, Clustering, Deep Learning
Programming	Python, R, Java, Keras
Web Development Languages	HTML, CSS, JavaScript, D3.js, PHP, Flask framework
Operating Systems	Mac OS, Microsoft Windows, Linux

Experience

University of Notre Dame   *Notre Dame, IN*

RESEARCH ASSISTANT   *January 2020 - present*

- Design interactive environments for visualizing software traceability links.
- Conduct analysis to understand the information needs of software practitioners in order to inform design of proposed visualization systems.
- Design a system for recommending e-government social services to persons in need of care.
- Conduct and analyze surveys to identify user needs and inform design of the proposed recommender system.

TEACHING ASSISTANT   *August 2020 - present*

- Teaching assistant for Human Computer Interaction

Boise State University   *Boise, ID*

RESEARCH ASSISTANT   *August 2016 - December 2019*

- Conducted research on enhancing web search environments for children.
- Implemented a search interface for archiving children's search sessions.
- Designed an interface that adopts visual cues in presenting query suggestions to users.
- Conducted qualitative and quantitative analysis to understand how search engines respond to children's needs.
- Mentored two undergraduate students and one M.Sc student for research.
- Prepared detailed research reports.
- Worked in a team environment to meet project goals.

TEACHING ASSISTANT   *May 2017 - August 2017*

- Tutored undergraduate students "Introduction to Programming with Java."

Selected Publications

(J1)   **Anuyah O.**, Milton A., Green M., and Pera M. S. "An Empirical Analysis of Search Engines' Response to Web Search Queries Associated with the Classroom Setting". In: *Aslib Journal of Information Management (Vol. 72 No. 1, pp. 88-111)*, December 2019.

(C5)   Downs B., **Anuyah O.**, Shukla A., Fails J., Pera M. S., Wright K., and Kennington C. "KidSpell: A Child-Oriented, Rule-Based, Phonetic Spellchecker". In: *Proceedings of the Twelfth International Conference on Language Resources and Evaluation (LREC)*, 2020.

(C3)   **Anuyah O.**, Fails J., and Pera M. S. "Investigating Query Formulation Assistance for Children". *In: Proceedings of the 17th ACM Conference on Interaction Design and Children (IDC) (pp. 581–586)*, June 2018.