

Vanessa Oguamanam

Ph.D Candidate ● Human-Centered Computing

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Seeking a **summer UX internship** where knowledge of designing **educational technologies** for **underrepresented groups** would be valuable

Education

Georgia Institute of Technology

- Ph.D in Human-Centered Computing, GPA: 4.0
Advisor: Beki Grinter

2017-Present
Atlanta, GA

University of Maryland, College Park

- M.S in Human-Computer Interaction, GPA: 3.91
Capstone Project: *HerVillage: Engaging Nigerian Girls in Co-Designing an Application to Overcome Barriers to Education*
- B.S in Computer Science

2015-2017
College Park, MD

2012-2015
College Park, MD

Technical Skills

UX Methods Interviews, Observations, Participatory Design, Usability Testing, Inductive Analysis

Programming Python, Java, C, HTML5, CSS3, JS

Experience

She Hacks Africa

Co-Founder, Program Manager

- Overseeing administration and developing strategic planning to improve coding camp in terms of quality, resources, and service to students

2017-Present
Lagos, Nigeria

Girls Who Code, Inc.

Instructor Intern

- Trained 22 high school girls in Scratch, Python, Arduino C, Django, and web programming and empowered them to develop personally relevant applications that addressed issues in their community

Summer 2017
Washington, D.C.

Google: Cloud UX Team

UX Researcher Intern

- Planned, implemented, and analyzed the results of a hackathon focused on the current state of Cloud Launcher to assess issues with multiple Launcher solutions and the rest of Google Cloud Platform

Summer 2016
Seattle, WA

Boeing: Defense, Space, & Security/Iridium

Student Engineer Intern

- Redesigned the system's interface as well as added new functionality to the system using Java's GUI and libraries

Summer 2012
Leesburg, VA

Publications

Workshops

- 2016 LEDz and Cocktails: Exploring the Use of Participatory Design to Promote Technology Education in Low Resource Communities
Oguamanam, V. & Gansallo, M.
● *ACM First African Conference (AfriCHI) on Human Computer Interaction* in Nairobi, Kenya

Refereed Conference Papers

- 2017 Live Physiological Sensing and Visualization Ecosystems: An Activity Theory Analysis
Clegg, T., Norooz, L., Kang, S., Byrne, V., Katzen, M., Valez, R., Plane, A., Oguamanam, V., Outing, T., Yip, J. and Bonsignore, E.
● *ACM CHI Conference on Human Factors in Computing Systems*
- 2016 "That's your heart!": Live Physiological Sensing & Visualization Tools for Life-Relevant & Collaborative STEM Learning
Norooz, L., Clegg, T. L., Kang, S., Plane, A. C., Oguamanam, V., & Froehlich, J. E.
● *International Society of the Learning Sciences*

Service

- 2017 **Technical Project Manager Volunteer, Camp Facilitator, She Hacks Africa**
- 2016 **Student Volunteer, AfriCHI Conference**
- 2014 **Tech Assistant, Black Girls Code**

