

KATYA BORGOS-RODRIGUEZ

Website: kborgos.github.io | Email: kborgos@u.northwestern.edu

EDUCATION

Northwestern University, Evanston, IL Ph.D. in Technology and Social Behavior Advisor: Dr. Anne Marie Piper	09/2017 – (expected) 2022
University of Puerto Rico at Mayaguez, Mayaguez, PR B.S. in Computer Engineering with Cum Laude distinction	08/2011 - 07/2017

RESEARCH INTERESTS

Human-Computer Interaction, Assistive Technology, Technology and Society, Computer-Mediated Communication

AWARDS

The National GEM Consortium Associate Fellow	2017
Lockheed Martin Corporation HENAAC Scholarship	2016
CRA-W Distributed Research Experience for Undergraduates Grant	2015

TEACHING EXPERIENCE

University of Puerto Rico at Mayaguez, Mayaguez, PR Teaching Assistant – to Dr. Amirhossein Chinaei in “Advanced Programming” Led weekly lab sessions in which students learned advanced programming techniques with an emphasis on object-oriented programming using Java. Assisted instructor in grading all evaluation methods. Held weekly office hours in which students had their class-related questions answered.	08/2014 – 12/2014
--	-------------------

RESEARCH EXPERIENCE

University of Southern California, Los Angeles, CA Undergraduate Research Assistant – under Dr. Maja Mataric Assisted in setting up an experiment with the objective of observing the effect of having a robot as the moderator of a three-player collaborative game on group interaction. Developed a traditional Checkers game to be played on a tablet by older adults with family members or against a robot companion.	06/2016 – 08/2016
Texas A&M University, College Station, TX Undergraduate Research Assistant – under Dr. Tracy Hammond Funded by the CRA-W DREU Grant. Contributed content for a children’s social network. Developed a plugin, gathered data and studied patterns of behavior that could help identify trends relatable to cyberbullying. Found conformity factors influenced by social relationships.	06/2015 – 08/2015
University of Puerto Rico at Mayaguez, Mayaguez, PR Undergraduate Research Assistant – under Dr. Nestor J. Rodriguez	01/2014 – 05/2016

KATYA BORGOS-RODRIGUEZ • CURRICULUM VITAE

Developed a native Android mobile application for scheduling and keeping track of medical appointments. Worked on interfaces to show scheduled appointments, book appointments, and find a physician.

PUBLICATIONS

BOOK CHAPTERS

Stephanie Valentine, Angelica Leyva-McMurtry, **Katya Borgos-Rodriguez**, Tracy Hammond. *"The Digital Sash: A Sketch-Based Badge System in a Social Network for Children"*. In *Revolutionizing Education with Digital Ink* (pp. 179-189), edited by T. Hammond et al., Springer International Publishing. 2016.

POSTER PRESENTATIONS

Katya Borgos-Rodriguez, Nestor J. Rodriguez. *"A Smart Phone App for Reducing Patients' Time at Physicians' Offices"*. Symposium of Health Informatics in Latin America and the Caribbean & Hacking Medicine in the Caribbean. San Juan, PR. November 21, 2015.

Katya Borgos-Rodriguez, Stephanie Valentine, Tracy Hammond. *"Identifying Patterns of Conformity on a Social Network for Children"*. Grace Hopper Celebration of Women in Computing. Houston, TX. October 15, 2015.

Katya Borgos-Rodriguez, Stephanie Valentine, Tracy Hammond. *"Influence of Groupthink on Children's Social Networks"*. Computing Alliance of Hispanic-Serving Institutions Summit. San Juan, PR. September 11, 2015.

Katya Borgos, Nestor Rodriguez. *"A Mobile App for Reducing Patients' Waiting Time at Physicians' Offices"*. Society for Advancement of Chicanos/Hispanics and Native Americans in Science National Conference. Los Angeles, CA. October 17, 2014.

EXTRACURRICULAR ACTIVITIES

- | | |
|--|----------------|
| • Georgia Institute of Technology <i>FOCUS</i> Program Scholar | 2016 |
| • IEEE Women in Engineering UPRM Student Chapter Secretary/Webmaster | 2014 - 2015 |
| • University of Puerto Rico at Mayaguez's <i>FemProf</i> Program Participant | 2014 - Present |
| • Carnegie Mellon University <i>OurCS</i> Workshop Participant | 2013 |

LANGUAGES

- Spanish – native language
- English – speak, read and write fluently