KATYA BORGOS-RODRIGUEZ

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EDUCATION

Northwestern University, Evanston, IL   09/2017 – (expected) 2022
Ph.D. in Technology and Social Behavior
Advisor: Prof. Anne Marie Piper

University of Puerto Rico at Mayaguez, Mayaguez, PR   08/2011 - 07/2017
B.S. in Computer Engineering with Cum Laude distinction

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   08/2014 – 12/2014
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.

RESEARCH EXPERIENCE

University of Southern California, Los Angeles, CA   06/2016 – 08/2016
Undergraduate Research Assistant – under Prof. Maja Matarić
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.

Texas A&M University, College Station, TX   06/2015 – 08/2015
Undergraduate Research Assistant – under Prof. 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.

University of Puerto Rico at Mayaguez, Mayaguez, PR   01/2014 – 05/2016
Undergraduate Research Assistant – under Prof. Nestor J. Rodriguez

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 *FOCUS* Program Scholar   2016
- IEEE Women in Engineering UPRM Student Chapter Secretary/Webmaster   2014 - 2015
- University of Puerto Rico at Mayaguez's *FemProf* Program Participant   2014 - Present
- Carnegie Mellon University *OurCS* Workshop Participant   2013

LANGUAGES

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