

Isabel Laurenceau
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Education

Ph.D. University of Florida

Degree Expected: 2022

Human Centered Computing
Advisor: Dr. Juan E. Gilbert
Gainesville, FL

M.E. University of Florida

Degree Expected: 2019

Major: Computer Engineering
Gainesville, FL

B.S. University of Florida

Degree Earned: 2017

Major: Computer Engineering
Minors: Dance, Mathematics
Gainesville, FL

Research Interests

Wearable Technology, Affective Computing, Mobile Development, Human Centered Computing, Human Computer Interaction, User Experience and Design

Internship Experience

Leadership Conference on Civil and Human Rights

2019

Media Democracy Fund Fellow

- Created products for digital literacy
- Aided with "Get Out the Count" efforts for 2020 Census
- Explained and demonstrated US Census Bureau's Open Source DAS code to stakeholders

Public Knowledge

2018

Media Democracy Fund Fellow

- Participated in policy trainings and meetings
- Performed research for staff on current issues
- Wrote blog posts and write ups for staff on technology policy

2016

State Farm, Atlanta, Georgia

iOS Mobile Developer Intern

- Created beta versions of mobile applications
- Attended and participated in daily SCRUM meetings
- Competed in a Speech Program where I was chosen as one of the top 16 out of 100+ interns.

Southern Wine and Spirits, Miramar, Florida

2013

Full Time PC Support Intern

- Provided employee support with Hardware and Software for PCs, iPhones and Printers

Technical Skills

Programming Languages: C++, Swift, Java, HTML, CSS, JavaScript, PHP, SQL, C, VHDL

Operating Systems: UI/UX Mac OS X, Windows, Linux/Unix

Skills: Interviews, Focus Groups, Affinity Diagramming, Wireframing, Balsamiq,

Development Tools: InVision, Xcode, Android Studio, Agile Methods, Git, Mean Stack, Bootstrap

Research Experience

Virtual Traffic Stop 2016-
Advisor: Dr. Juan Gilbert
Human Experience Research Lab, University of Florida
About: Comprised of a mobile and web application virtual traffic stop aims to keep both civilians and officers safer during routine traffic stops. A provisional patent has been filed.
Duties: Worked with a web developer to create a platform where civilians and officers could communicate safely. Created iOS and Android mobile applications for civilians use. 2016

Voiceing

Advisor: Dr. Juan Gilbert
Human Experience Research Lab, University of Florida
About: An iOS mobile application aimed at reducing distracted driving.
Duties: Worked with a fellow iOS developer to improve safety while driving. Prior to development, performed User Experience research. Connected the app to a remote server through a backend using PHP and SQL.

Employment

Academic Technology Labs, University of Florida 2014-2017
Supervisor at Academic Technology

- Managing all labs; Creating employee schedules; Running events between departments; Website upkeep.

Mobile App Development Lab Consultant

- Help users get started making apps or troubleshoot already developed apps.

Technology Consultant

- Customer Support with Hardware and Software for PCs, Macs and Printers

Publications

Jackson, F., Laurenceau, I. & Gilbert, J.E. (2019). Inclusive Wearable Design: Developing a Set of Characteristics of Socially Acceptable BCI Devices for Women. In Roscoe, R.D., Chiou, E.K. & Wooldridge, A.R. (Eds.), *Advancing Diversity, Inclusion, and Social Justice Through Human Systems Engineering*, CRC Press, pp. 171-190.

Williams, A., Posadas, B., Prioleau, D., Laurenceau, I., & Gilbert, J. E. (2019). User perceptions of haptic fidgets on mobile devices for attention and task performance. In *Advances in Intelligent Systems and Computing* (Vol. 776, pp.15–22). Springer Verlag. https://doi.org/10.1007/978-3-319-94622-1_2

Awards & Honors	
Fellowship: Florida Board of Education University of Florida Supervisor: Dr. Tyisha Hathorn	2017
Fellowship: National Science Foundation Graduate Research Fellowship Program University of Florida	2017
Honors: Cum Laude University of Florida	2017
Leadership	
Community Service Co-organizer Tau Beta Pi, UF Chapter	2019-
Graduate Coordinator National Society of Black Engineers, UF Chapter	2019-
Treasurer Black Graduate Student Organization	2018-
Community Service Chair Floridance	2015
Webmaster Alpha Phi Omega, Tau Chapter, UF	2014
Memberships	
Alpha Phi Omega	
Association for Computing Machinery (ACM)	
Human Factors and Ergonomics Society (HFES)	
IEEE Computer Society	
National Society of Black Engineers	
Tau Beta Pi	
Service	
Fall 2019: Habitat for Humanity 2x, Food 4 Kids, Keep Alachua Beautiful (3x), Cade Museum, Horese Retirement Center	
Past Service: Editor for Journal of Undergraduate Research at University of Florida, Running technology focused events for non-profit organizations, GatorTrax Science Saturday Courses, Participating in Relay for Life as participant and team captain , Tutoring at Salvation Army twice a week, teaching ballet once a month, Project Makeover	