

Isabel Laurenceau
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Education

Ph.D. University of Florida
Human Centered Computing
Advisor: Dr. Juan E. Gilbert
Gainesville, FL

Degree Expected: 2022

B.S. University of Florida
Major: Computer Engineering
Minors: Dance, Mathematics
Gainesville, FL

Degree Earned: 2017

Research Interests

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

Internship Experience

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: Mac OS X, Windows, Linux/Unix

UI/UX Skills: Interviews, Focus Groups, Affinity Diagramming, Wireframing, Balsamiq, InVision,

Development Tools: 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.

Voiceing

2016

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

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

2017

University of Florida

Supervisor: Dr. Tyisha Hathorn

Fellowship: National Science Foundation Graduate Research Fellowship Program University of Florida	2017
Honors: Cum Laude University of Florida	2017

Leadership

Black Graduate Student Organization Treasurer	2018-
Community Service Chair Floridance, University of Florida	2015
Webmaster Alpha Phi Omega: Tau Chapter, University of Florida	2014

Memberships

Association for Computing Machinery (ACM)	2017-
Human Factors and Ergonomics Society (HFES)	2017-
IEEE Computer Society	2017-
National Society of Black Engineers	2017-
Alpha Phi Omega Community Service Organization, University of Florida	2013-2016
Association of Computer Engineers University of Florida	2015-2017

Service

Editor for Journal of Undergraduate Research at University of Florida	2018
Running technology focused events for non-profit organizations	2016-2017
Participating in Relay for Life as participant and team captain	2014-2017
Tutoring at Salvation Army twice a week	2013-2017

Languages

English, French