

**Isabel Laurenceau**  
isalau@ufl.edu | 305-972-6009  
300 NW 18th ST APT 16 , Gainesville, FL 32603

---

### Education

---

**Ph.D. University of Florida**

Degree Expected: 2022

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

**M.S. University of Florida**

Degree Earned: 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](https://doi.org/10.1007/978-3-319-94622-1_2)

Awards & Honors	
<b>Fellowship:</b> Florida Board of Education University of Florida Supervisor: Dr. Tyisha Hathorn	2017
<b>Fellowship:</b> National Science Foundation Graduate Research Fellowship Program University of Florida	2017
<b>Honors:</b> Cum Laude University of Florida	2017
Leadership	
<b>Community Service Co-organizer</b> Tau Beta Pi, UF Chapter	2019-
<b>Graduate Coordinator</b> National Society of Black Engineers, UF Chapter	2019-
<b>Treasurer</b> Black Graduate Student Organization	2018-
<b>Community Service Chair</b> Floridance	2015
<b>Webmaster</b> Alpha Phi Omega, Tau Chapter, UF	2014
Memberships	
<b>Alpha Phi Omega</b>	
<b>Association for Computing Machinery (ACM)</b>	
<b>Human Factors and Ergonomics Society (HFES)</b>	
<b>IEEE Computer Society</b>	
<b>National Society of Black Engineers</b>	
<b>Tau Beta Pi</b>	
Service	
<b>Spring 2020:</b> Horse Retirement Center, Ronald McDonald House, Project Makeover	
<b>Fall 2019:</b> Habitat for Humanity 2x, Food 4 Kids, Keep Alachua Beautiful (3x), Cade Museum, Horse Retirement Center	
<b>Past Service:</b> 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	