


# Rezylle Milallos

UX RESEARCHER

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## Education

JAN 2020 -  
MAY 2022

### **M.S. in Human Computer Interaction**

**Rochester Institute of Technology (RIT)**

Capstone: *Effectiveness of Electrotactile Stimulation for Data Visualization of the Visually Impaired (VI)*

JAN 2012 -  
AUG 2018

### **Bachelor's in Computer Science**

**Indiana University Southeast**

Minors: *Business and Mathematics*

## Work Experience

AUG 2020 -  
PRESENT

### **Graduate Research Assistant**

**RIT, Center for Accessible and Inclusion Research (CAIR) Lab**

- Designs and conducts surveys, focus groups, and interviews on research topics including, but not limited to, mobile interface design for indoor navigation, online teaching experiences of professors of deaf or hard-of-hearing (DHH) students, smart canes, and accessibility of food delivery apps for VI individuals
- Performs qualitative coding and thematic analysis through Miro, Google Sheets, and Figma
- Writes and presents research findings in different conferences

JUN 2021 -  
AUG 2021

### **Project Member, Research Lead**

**Gen2Gen Connect**

- Collaborated with a 4-person team to produce a high-fidelity prototype which enhances intergenerational communication between families, especially for older adults
- Conducted 50 customer discovery interviews and analyzed supplemental background literature to provide a business plan strategy for the company

MAR 2020  
- MAY 2020

### **Student Assistant - Quality Assurance Co-Lead**

**RIT School of Interactive Games and Media**

Distributed tasks between team members, maintained communication between teams and project leaders, and overlooked quality assessments using Adobe InDesign and Adobe Illustrator for the Lost and Found: New Harvest board game—a finalist for the Jim Gee Awards

NOV 2014 -  
NOV 2019

### **Programmer III**

**American Printing House for the Blind**

- Developed the Flip-Over FACES Android App (2019 release) and contributed to the development of a braille transcription software (BrailleBlaster) using Java and Agile methodology
- Attended local and international conferences to lead BrailleBlaster workshops

## Conferences

- DEC 2021 | Effectiveness of Zoom when Teaching Deaf or Hard-of-Hearing Students and Accessibility of Mobile Apps for the Blind and Visually Impaired  
*US-Korea Conference (UKC)*
- OCT 2021 | "Would the smart cane benefit me?": Perceptions of the Visually Impaired towards Smart Canes  
*ACM ASSETS*
- DEC 2020 | Challenges Users Face when Holding the Intelligent Mobility Cane  
*UKC*
- JUL 2018 | Making More Braille with BrailleBlaster  
*Association for Education and Rehabilitation of the Blind and Visually Impaired (AERBVI)*
- DEC 2017 | BrailleBlaster Workshop  
*Getting in Touch with Literacy (GITWL)*

## Publications

Milallos, R., Tibdewal, V., Wang, Y., Ogueh Udegbe, A., & Oh, T.  
An Exploratory Study on the Low Adoption Rate of Smart Canes  
*To be published at International Journal of Human-Computer Interaction 2022*

Milallos, R., Tibdewal, V., Wang, Y., Ogueh Udegbe, A., & Oh, T.  
"Would the smart cane benefit me?": Perceptions of the Visually Impaired towards Smart Canes  
*In The 23<sup>rd</sup> International ACM SIGACCESS Conference on Computers and Accessibility (pp. 1-3).*

## Awards & Activities

- AUG 2020 | Co-Chair, RIT Graduate Student Advisory Council  
- PRESENT | Student Ambassador, RIT Information Sciences and Technology Department  
| Leading High Performance Teams Certificate, RIT Business School
- MAY 2014 | Outstanding Student Award in Computer Science – Science and Mathematics  
| Dean's List for High Academic Achievement  
| International Student Scholarship Award

## Certification

IAAP Certified Professional in Accessibility Core Competencies

## References

**Dr. Tae Oh**  
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