

# Heather Yu

43 Gould Place, East Greenwich, RI 02818  
heather.e.tarr310@gmail.com | (573) 327-2406

## Education

---

Boston University	Boston, Massachusetts
Master of Science in Computer Information Systems	Expected May 2024
GPA: 3.78/4.0	
University of Missouri	Columbia, Missouri
Bachelor of Arts in Psychology, Multicultural Certificate	August 2013 - May 2017
GPA: 3.04/4.0	

## Skills

---

**Programming Languages:** JavaScript, Python, R, TypeScript, SQL (Oracle)  
**Frameworks:** NativeScript, Rest APIs  
**Other Tools/Software:** FileMaker (including scripting and database development), Adobe Photoshop CC, Adobe Premiere, Blender 3D

## Experience

---

**Lab Manager** **July 2018 - Present**

Brown University Language and Thought Lab

- Collaborated with 3 researchers to convert 3 research studies into web applications with JavaScript, HTML, and CSS
- Automated cleaning of excel documents and attainment of data from online database using Python
- Generated data visualization of research projects in R
- Developed iOS app version of study on iPad using TypeScript and NativeScript framework
- Developed relational FileMaker 18 database for 4 Brown developmental labs to use for recruitment, study tracking, and grant/ethics reporting
- Integrated Google Gmail API and Qualtrics REST API within FileMaker 18 to automatically pull data from Qualtrics into the database and send emails from the database
- Created research stimuli using Adobe Photoshop, Premiere, and Blender 3D
- Served as liaison between lab and over 40 preschools, daycares, libraries, and museums to coordinate research testing and advertising

**Lab Manager** **May 2017 - June 2018**

Laboratory for Developmental Studies at Harvard University

- Led research assessment program in 7 classrooms at a Head Start school, including data collection, training of researchers, and preliminary analysis
- Created stimuli using Adobe Premiere Pro, iMovie, Blender, and Keynote
- Prepared grant proposal documents according to grant requirements and serve as liaison between P.I., business administrators, and project managers during application process
- Prepared expense reports, reimbursements, and other administrative tasks as needed
- Maintained 5 IRB protocols to ensure all practices met ethical standards and that documentation was up to date