

Phillip Isaac Roberts

UX/UI Developer, Researcher, Accessibility Advocate

I create beautiful & accessible interfaces – 4 years web design, development, and marketing, 2 Accessibility Development

Contact

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Experience

Researcher/Developer | Sonification Lab | March 2018 (Tech-Temp) – present, August 2016 (Graduate) – May 2016 | Georgia Institute of Technology, Atlanta, GA
Assisting and leading focus groups, interviews, test sessions, documentation, data analysis, and prototyping solutions for ongoing grant with Facebook assessing the accessibility of their platforms. 2 years of research for the System for Wearable Audio Navigation for visually impaired navigation. Design and assist research protocols. Managing website Drupal migration.

UX/CX Intern | Lucena Research & Quantitative Analytics | August 2017 – present | Atlanta, GA
Full lifecycle design to development wireframes, hi-fidelity mock-ups, and React.js interfaces of new investment products and for Nasdaq sales portal. Created graphs, charts, visuals, and documentation for machine learning stock market investment strategy reporting. Performed usability testing and analysis of SaaS platforms. Maintained WordPress external site.

ICT Accessibility Auditor | AMAC Accessibility & Research Center | Jan 2017 – August | GIT, Atlanta, GA
Provided programmatic and usability accessibility audits, remediation, and training for universities, government orgs., and private charities for their websites, technologies, and kiosks.

Web & Graphic Designer | City Publications
August 2014 – September 2016 | Vinings, GA
Created designs and marketing materials for websites, social media, emails, and print for US franchises. Redesigned and developed corporate website.

Education

MS Human-Computer Interaction
Georgia Institute of Technology 2018 | 3.83
Foci: Accessibility, Qualitative Research, UX/UI Design, AR/VR

BA Graphic Communications | Digital Art Minor
Reinhardt University 2014 | 3.79 Magnum Cum Laude
Foci: Web Design & Development, Social Media, Digital Arts

Skills

UX/UI

Wireframe
Heuristic Analysis
Sketch
Omnigraffle
Axure
Invision
Adobe Photoshop
Adobe Illustrator
Physical Prototyping

Programming

JavaScript
C#
PHP
Python
C / C++
Node.js
ASP.NET
SQL
Golang
Git / Version Control
Unity Engine

Web

HTML5
CSS
SASS
PostCSS
jQuery
React.js
Redux
Vue.js
REST API
Hugo

Mobile

React Native
Mobile Design
Responsive Design

Publication

The Unity Engine as an Extensible Platform: Findings from the System for Wearable Audio Navigation
ICT Accessibility Testing Symposium 2017

Certifications

IAAP CPACC
June 2018 (scheduled)

Volunteering

Tactile Interface Development & Research for Spatial Cognition | Center for Visual & Neurological Rehabilitation | Atlanta VA Medical Center | 2017 - 2018
Volunteer project assisting research for the rehabilitation of visually impaired veterans. Protocol to assist in navigation and spatial awareness training using iPad App and tactile interface.

Web Design and Development – Student Project Manager | Mi Familia Center | Canton, GA 2012
As part of our web design & development course, I led a team of six students in the full 4 - month lifecycle concept, design, and development of a desktop and mobile website for the Mi Familia Center, a non-profit that provides essential services, information, education, and extracurricular programs to migrant families.

Honors / Awards

Best Student Paper | ICT Accessibility Testing Symposium | October 2017 | Washington, D.C.

MARTA Hackathon 4th place | February 2017
4th place team of 400 individuals participating. Designed novel subway beacon IOT system for point-of-interest and navigation.

Alpha Chi Honors Society
Academic achievement | Reinhardt University 2013

Lambda Pi Eta Communications Honors Society
Core academic achievement | Reinhardt University 2013

Eagle Scout
Boy Scouts of America 2009

Hobbies

Guitar, Piano, Photography, Hiking, Game Dev, VR/AR

Skills

Research

Ethnographic Methods
Contextual Inquiry
Interview
Focus Groups
Participatory Design
Surveys
Quant. / Qual. Analysis
SPSS

Accessibility

Screen Readers
JAWS
NVDA
VoiceOver
WCAG 2.0
VPAT
WAI-ARIA

Misc.

Google Analytics
Advertising
Social Media Marketing
Microsoft Office
OSX / Mac
Linux
Mentoring