

# Phillip Isaac Roberts

## UX / Front-End Development / Accessibility

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### Experience

Product Designer / Researcher – Elavon, US Bancorp  
August 2018 – (current) | us-global – Denver, CO  
Lead User Experience Designer and Researcher for enterprise payment processor used by Fortune 100 hospitality, travel, retail, and airline clients. Created and develops React.js design system library and utilities for companywide front-end. Conducts qualitative and quantitative user/client research. Writes user stories with product owner and scrum masters.

Researcher – Sonification Lab, Georgia Institute of Technology | March 2018 – August 2018 | Atlanta, GA  
Assisted user research, test sessions, and analysis for grant with Facebook assessing for their digital accessibility. Continuous 2 years as graduate researcher for SWAN 2.0, accessible audio navigation system under Dr. Bruce Walker.

UX Designer | Lucena Research & Quantitative Analytics | August 2017 – August 2018 | Atlanta, GA  
Created graphs, visuals, and documentation for machine learning stock market investment strategy reporting. Created full-lifecycle concept, mock-ups and React.js front-end of new investment platforms including Nasdaq sales portal.

ICT Accessibility Auditor | AMAC Accessibility & Research Center, Georgia Institute of Technology  
Jan 2017 – August 2017 | 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, marketing, social media, and programmed web content and emails for US advertising franchises.

### *UX*

Wireframe  
Heuristic Analysis  
Sketch  
Omnigraffle  
Axure  
Invision  
Photoshop  
Illustrator  
Physical Prototyping

### *Programming*

JavaScript  
React.js  
Vue.js  
Golang  
C#  
Python  
C / C++  
Unity Engine  
Git

### *Accessibility*

Screen Readers  
JAWS  
NVDA  
VoiceOver  
WCAG 2.0

### *Misc.*

Microsoft Office  
OSX / Mac  
Linux  
Mentoring

### Skills

## Education

Master of Science, Human-Computer Interaction  
Georgia Institute of Technology 2018

Bachelor of Art, Graphic Communications  
Reinhardt University 2014  
Magnum Cum Laude | Digital Art Minor | Student Scholar

## Publication

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

## 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.

## Honors / Awards

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

MARTA Hackathon – 4<sup>th</sup> Place | February 2017  
4<sup>th</sup> place team of 400 individuals participating. Designed novel IOT system for point-of-interest and navigation in subway systems.

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

Music, Guitar, Piano, Sketching, Painting, Hiking, Camping  
IOT, Web Technologies, VR/AR