

F. McKenzie Murphy

Masters in Computer Science, Human Computer Interaction

Highly motivated individual with proven success in technology sales and a psychology background, transitioning to a technical career through the Masters of Computer Science program. I am seeking a summer internship to further develop and use my technical skills as a Software Engineer.

Projects

- 2018-08 - present** **UbiTune**
- Created an app that will aggregate user preferences via Spotify, and then create a playlist based on the preferences of users in a specific area.
 - Led user research: created a questionnaire to inform app development and then developed and conducted a user-engagement study
 - Led app design: used Sketch to create low and high fidelity wireframes of the App.
 - App is currently available for download on the Google Play Store.
- 2018-08 - present** **School Bus Tracker**
- Worked in the Georgia Tech Sonification lab to create an app that uses Google Maps to show school bus routes and bus location for each child in school, along with a schedule of the route. Plans to attach to a school interface and school transportation department interface.
 - App was made with React Native, using javascript. Worked on front end development, especially Google Maps interfacing and app layout.
 - Some design modifications made using Sketch.
- 2018-08** **Georgia Tech Online Masters in Computer Science Research**
- Conducted a participatory design session, an hour long semi-structured interview, and a computer walkthrough to better understand recent undergraduates' attitudes towards grad school and online programs.
 - Analysis of the data collected included construction of personas and a storyboard, and interview coding with Dedoose.
 - Presented findings in a compelling way to class and a member of the online program board.

Experience

- 2019-01 - present** **Teaching Assistant: Mobile and Ubiquitous Computing**
- Lead in-class project sessions and explain the activities to students
 - Grade essays and classwork
 - Communicate with students to ensure understanding of all class-related aspects
 - Create material to be used in activities and deliverables.
- 2017-04 - 2018-04** **Account Executive**
Yelp, New York, NY
- Crafted and delivered phone call presentations to convince hundreds of prospects to become more active on Yelp with the advertising program.
 - Assisted prospects with hundreds of technology issues relating to Yelp and taught them how to best use the platform, resulting in higher business appeal to people searching online
 - Booked over \$15,000 in new company revenue in first two months; was a quota and target hitting rep
 - Helped lead a team of ten reps in switching over to a new sales method.
 - Further developed tenacity, leadership, and professional social skills.

Activities and Accomplishments

- Study abroad in Peru as an exchange student at Pontificia Universidad Católica del Perú
- UNC Phi Sigma Pi Honors Fraternity

Personal Info

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Education

Georgia Institute of Technology - May 2020

- MS in Computer Science
- Specialty in Human Computer Interaction

University of North Carolina at Chapel Hill - May 2016

- BS in Psychology
- 3.75 GPA
- National Merit Scholarship Recipient (less than 1% of those who take the PSAT)
- UNC Honors Program
- Carolina Scholarship Recipient (Selective program for top academic students at Carolina)

Courses

2018-08

Ubiquitous and Mobile Computing

2018-08

User Interface Design and Evaluation

2019-01

Human Computer Interaction

Skills

Java

Java Script

React Native

HTML and CSS

Sketch

Teamwork

Communication

Problem Solving