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 full-time employment as a Software Engineer.

Projects

Pond
- Created an app that eliminates swiping and decision making from meeting new people.
- App was made with Ionic, Node.js and MongoDB on the backend. I worked with a partner on the front-end, and led user Research and testing.
- Pond provides an avenue to meet and make connections with new people in your organization without a huge input of effort or stress of searching for the perfect person.

UbiTune
- Created an app through a group project 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.

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.
- 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.

Experience

Software Engineer Intern
Zuora, Atlanta, GA
05/2019 - 08/2019
- Worked as part of the UI Team with full stack projects as well, and have code currently in production.
- All work done with Ruby on Rails. Extensive use of HTML, CSS, and JavaScript, as well as Background Workers, AWS and S3, and relational database manipulation.
- Main project was a translation CSV feature for clients to update their website according to different languages, as well as creating APIs going from a Ruby on Rails backend to a Vue frontend.

Graduate Teaching Assistant: Mobile and Ubiquitous Computing
01/2019 - Present
- Worked under Thomas Ploetz in spring of 2019 and Thad Starner in fall of 2019.
- Lead in-class project sessions and explain the activities to students.
- Grade essays and classwork, and help students with any class related issues.
- Create material to be used in activities and deliverables.

Account Executive
Yelp, New York, NY
04/2017 - 04/2018
- 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.

Personal Info

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Education

Georgia Institute of Technology - May 2020
- MS in Computer Science
- Specialty in Human Computer Interaction
- 4.0 GPA

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

- Data Structures and Algorithms
- Human Computer Interaction
- Mobile and Ubiquitous Computing
- Information Visualization
- Principles of UI Software

Skills

Java
Ruby
Java Script
HTML and CSS
React Native
Ruby on Rails
Sketch

Activities and Accomplishments

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