Hello everyone! My name is Malachi Gray and I’m a back end/rails engineering student. I came to The Iron Yard because I was ready for a career that challenged me and allowed me to continually evolve. And as most people know, programming is awesome. For my final project, I worked with a front end student, Julie to build the Charleston Basketlist app. The app allows users to select events they would like to complete around Charleston, like a bucketlist. The technologies used include Ruby on Rails, AngularJS, Amazon Web Services S3 Buckets. My core responsibility was developing the rails side functionality. On the rails side, we have multiple models, including join tables and nested models. In addition, we house user authentication and authorizations on the server side. The database utilized for development was mysql and was switched to postgresql for deployment on Heroku. Models and controllers were tested in RSPEC. The most challenging part of the project was learning how rails and angular interacted and we found out fast that it wouldn’t be very easy. Part of doing a project in angular, I wanted to build one of the core functionalities on the front end. Julie allowed me the opportunity to dig right in to angular and help out. One of the major items I was able to contribute to on the front end was creating the Create, Read, Update, Delete for user comments. The comments were nested within the bucketlist items; however, we also had to figure out how to make that work for the users too. Being able to work with angular gave me a new appreciation for the magic rails performs in the background for the developer. I know I learned a lot on this project and enjoyed it immensely. Thank you for your time and I hope to see you at the booth.