
MARIA BOWIE & ALI BERG

<HTTPS://WWW.LINKEDIN.COM/IN/MARIA-BOWIE-B8712413/>

Required Skills:

Familiarity with web development and design, managing database interoperability. Walk Georgia was originally built with HTML/CSS/JS and a PHP/SQL backend. After some development, portions of the site were converted to a Ruby on Rails application. Interested students should be well versed in modern front-end/back-end web technologies and be able to improve older codebases.

Preferred Team Communications:

Via telephone/online chat as needed; in person on occasion (maybe monthly?)

Data Sources:

Would need to talk further with our IT folks to dig deeper.

Other Items:

Project has timezone flexibility. Mentors and students will determine a good time for virtual meeting

Looking forward to being a part of this effort. It is much needed and could really translate powerfully with an array of platforms currently in place to help promote healthy living and employee wellness.

BIOMARKER INTEGRATION WITH ONLINE FITNESS TRACKER (WALK GEORGIA)

Walk Georgia has served over 120,000 users since 2013 through the mobile friendly website www.walkgeorgia.org. Administered by UGA Cooperative Extension, program staff facilitate using Walk Georgia as part of employee wellness programs with city and county governments across Georgia, schools, businesses and other community based organizations. The goal is to provide access to a free, easy to use web-based platform that supports and encourages users with a variety of tools- fitness tracking, nutrition tips and healthy recipes made using Georgia Grown products, healthy lifestyle tips, weekly health feature articles, fitness related event promotion and state park profiles.

PROJECT OBJECTIVES

Develop tool/system to access and integrate user biometric data with individual profile details on the Walk Georgia user interface. This information would need to be accessible by individual users, group Walk Georgia administrators, often Human Resources personnel, and the state Walk Georgia program coordinator to confirm and verify user interaction and tracking of physical activity and how this relates to their pre- and post- biometric screening results.

SUCCESSFUL PROJECT

Having an integrated platform for entering, tracking and reporting biometric data and physical activity (and possibly even nutrition info- maybe we can add a food log? – that would be on Walk Georgia's end, right?) would provide a seamless opportunity for HR and Wellness professionals to track employee engagement with formal and informal wellness programs, saving time, resources, money and ultimately benefitting the organization (with fewer work days missed due to an emphasis/incentive platform which encourages healthy work-life balance of exercise, nutrition, managing stress, flextime, etc.), the individual with improved access to personal status of health records, the healthcare provider and healthcare system as a whole.

Intellectual Property: Students will own the IP for this project.