Michael Dixon | Software Engineer

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Skills

Front End: Javascript, HTML, CSS, React, Redux, React Router, Less, Sass, jQuery
Back End: Node, Webpack, Express   **Other**: Git, Java, Elm, Android, LaTeX

Work Experience

Freelance
Technical Writer   *February 2016 – Present*
o Getting to know the ReactJS ecosystem ⬀

o A guide to Javascript closures ⬀

o Abstract vs Strict equality in Javascript ⬀

Seagate Technology   **Longmont, CO**
Systems Engineer   *July 2012 – May 2015*
o Developed a novel method to collect positional data from a hard drive in test, significantly decreasing experiment runtime.

o Performed frequency domain analysis on retrieved data to identify sources of external vibration, exposing opportunities to reduce total test time.

Projects

o **Giffer**   qualitydixon.github.io/giffer
  – A minimal gif search engine. Created with an emphasis on clean transitions/animations.

o **Crossfit Clock**   qualitydixon.github.io/CrossfitClock
  – Timer application with options for timed, emom, and tabata style sessions.

o **React Logo Quiz**   qualitydixon.github.io/react-logo-quiz
  – A drag and drop quiz that has the user match the React related technology with it's corresponding logo.

o **Quality Todo**   qualitydixon.github.io/quality-todo
  – Simple todo application. List items are editable and persistent. Built with React, Redux, and Firebase.

Education

Colorado School of Mines   **Golden, CO**
BS Physics   *2008 – 2012*

Volunteering

Powell Makerspace   **Powell, WY**
Instructor - Introduction to Java   *April 2016 – May 2016*
o Guided a class of 10+ students through an introductory Java curriculum. Topics covered included: classes/objects, method overriding/overloading, reference equality v value equality, encapsulation, algorithms, and more.