

# Ryland Bell

Web Application Developer

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## TECHNICAL SKILLS

**Languages:** JavaScript (ES6), CSS, HTML, Python

**Libraries and Frameworks:** Node, React, Redux, MongoDB, jQuery, Express, Sass, Bootstrap

**Other Tools:** AJAX, RESTful APIs, Git, Responsive Design, Unit Testing, Agile/Scrum

## PROJECTS

**Playlist Dashboard for Spotify** [github.com/rylandbell/playlist-dashboard](https://github.com/rylandbell/playlist-dashboard)

Users visualize, filter, and sort their playlists with respect to song features, like danceability and energy, provided by Spotify's public API. Tools used: React, Redux, Sass, AJAX.

**JSON Columns** [github.com/rylandbell/json-columns](https://github.com/rylandbell/json-columns)

A tool to visually navigate JSON data and find the path needed to reference a specific value. Tools used: React, Redux, Bootstrap, Node.

**Pigeon Hoops** [github.com/rylandbell/pigeon-hoops](https://github.com/rylandbell/pigeon-hoops)

A full-stack web app implements an NBA predictions game. Tracks user picks, enforces game rules, and scores predictions on the server. In the browser, the app provides a user-friendly interface for making picks and tracking outcomes. Tools used: Node, MongoDB, React, Redux, Bootstrap, AJAX.

## EMPLOYMENT HISTORY

**Dream River Digital.** Freelance Web Development Project, 2016-2017

- Collaborated on a small team building a cross-platform client management system for substance abuse recovery facilities.
- Designed the UI for clinicians, and implemented it with an Express web application.
- Implemented visualization of client check-in data, tracking of clinician notes, and a tool to facilitate appointment scheduling.
- Tools used: Node, Express, jQuery, Google Calendar API

**Reed College.** Quantitative Skills Center Coordinator, 2009-2016

- Collaborated with faculty, students, and staff to identify and address hurdles faced by students in courses with a quantitative component.
- Developed and implemented quantitative skills workshops and tutorials for students.
- Co-managed the peer tutor program, which included hiring, training, scheduling, and offering professional development opportunities for a staff of around 200 student tutors.
- Collected, analyzed and presented data for department reports, using Excel.
- Co-founded Data@Reed, a cross-division working group created to mentor students with modern data skills.

**Mt. Hood Community College.** Adjunct Mathematics Faculty, 2009-Present

- Taught math courses ranging from basic algebra to integral calculus, including statistics, typically to an audience of 30-34 students.

## EDUCATION

**Reed College.** B.A. in Mathematics