Ryland Bell

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Profile

I am transitioning to web development from a career in higher education. This career has helped me cultivate problem-solving, leadership, and communication skills, all of which I'm finding to be valuable in my web development work. I view coding as an opportunity for lifelong learning, and am excited to continue to develop this craft over time. Examples of my best work, including a JSON visualization tool and an NBA predictions game, are available at ryland-bell.com

Employment History

Reed College. Quantitative Skills Center Coordinator, 2009-2016
- Worked 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 ~200 tutors.
- Worked with students individually to build quantitative skills and general study skills.
- Developed and led Excel tutorials for students and staff.
- Collected, analyzed and presented data for department reports.
- Served as founding member of Data at Reed, a cross-division working group created to help students gain fluency 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.

Freelance Web Development

Dream River Digital. 2016-2017
- Worked with 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.
- Features include graphical visualization of client check-in data, tracking clinician notes, and an appointment scheduling facilitation tool.

Web Development Proficiencies

- **Languages:** JavaScript, HTML, CSS
- **Front-end:** React, jQuery, Sass, Bootstrap
- **Back-end:** Node, Express, MongoDB
- **Related tools:** Git, Webpack, Grunt, R, LaTeX

Education

Reed College. B.A. in Mathematics, 2004