Russell Mays

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I'm a web developer focused on front-end engineering. My passion is creating beautiful and efficient experiences for end-users and I love collaborating with other teams to build a great product.

Tools

I'm fluent in **JavaScript, CSS, and HTML**. I currently work in **Angular** and **React**.

On the backend, I have worked with JavaScript, Python, and databases including MySQL, MongoDB, and SQLite.

I'm excited about applying ideas from functional programming and functional languages like Elm to my projects.

Projects

Artradr
Web application allowing artists from around the world to exchange pieces of art

Politipong
Politically-influenced pong clone in the Elm programming language

Education

BA Statistics
UC Berkeley, 2011-2015

I studied time series analysis, machine learning, and probability theory and contributed to original research in road network analysis and the statistical mechanics of cells

Experience

Now: Front-End Developer, Clocktree Systems Inc.

User Onboarding
Clocktree Systems Inc., 2016

Created complete new user flow including all components of account and business creation

Client Personal Health Record
Clocktree Systems Inc., 2016

Built distinct portals for clients, healthcare providers, and administrators to create a persistent client health record

Window Arrangements for Multiple Videos
Clocktree Systems Inc., 2016

Expanded original video call interface to handle side-by-side video windows or several video windows at a time

Notification System Rebuild
Clocktree Systems Inc., 2016

Reworked both email and sms notification system to use robust templates for improved maintainability

Visual Appointment Timelines
Clocktree Systems Inc., 2015

Created beautiful and comprehensive chronological record of each online appointment encompassing notes, images, and documents

cellPACK Web App Publication
UCSF Johnson Lab, 2015

Original web application vision published as poster presentation at Keystone Symposia for Structural Analysis of Supramolecular Assemblies

cellPACK Web Application
UCSF Johnson Lab, 2014-2015

Prototyped database design and web applicaiton to facilitate collaborative editing of cellPACK molecular modeling files