

Paul Oliva

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SKILLS

JavaScript	jQuery	React	Redux	Node.js
Ruby	Rails	HTML5	CSS	SQL
Java	C++	Git	Linux	Photoshop

EXPERIENCE

- Independent Web Developer** 2014-2016
- Technology consulting and web development for successful political campaigns, nonprofits, and small businesses in Anchorage, Alaska. (*HTML5, CSS, PHP, JavaScript*)
- Engineering Intern - State of Alaska** 2015-2016
- Spearheaded a full redesign of program webpage, incorporating user and management input to provide a streamlined user experience.
 - Administered a grants and loans program with a \$20 million annual budget.
- Java/C++ Tutor - University of Alaska-Anchorage** 2015-2016
- Collaborated with other top students to develop and implement a supplemental curriculum for over 100 students enrolled in Programming I and Programming II courses.

PROJECTS

- CloudSounds - Full-Stack Engineer (Rails, React/Redux) | [live](#) | [github](#)**
Single-page music app w/ React front end, Rails/Postgres backend
- Utilizes geolocation and external weather API to retrieve weather data and serve songs matching the mood of the day's weather.
 - Custom Audio.js fork allows for React integration, adds increased functionality such as ability to skip forward/back and adjust/mute volume from within audio controls.
 - Utilizes WaveSurfer.js library's off-label backend methods to store waveform visualization data in the database for optimized rendering.
- Pol.js - Sole Developer (JavaScript, HTML5) | [live](#) | [github](#)**
Open source drop-in library for rendering political poll data to HTML
- Retrieves RealClearPolitics polling data by making AJAX request with JSONP callback to provide a synthetic API.
 - Provides public methods to cleanly render data to HTML as text or HTML5 canvas chart for maximal ease of use.
- EOS Redux - JavaScript Engineer (JavaScript, Node.js) | [npm](#) | [github](#)**
Open source Redux CLI designed for quick deployment and ease of use
- Worked with a team of 3 engineers, using Git and Trello to manage the project.
 - Developed a CLI framework for Redux to significantly increase accessibility.
 - Implemented optional Node.js server integration, allowing for fast deployment.
 - Over 5,000 installs on NPM in first month after initial release.

EDUCATION

- App Academy - Web Development** 2016
- Rigorous 1000-hour web development course w/ 3% acceptance rate.
 - Topics include: Rails, React, TDD, scalability, algorithms, OOP, coding style, single-page apps, and web development best practices.
- University of Alaska - Computer Engineering - 3.9 GPA** 2014-2016
- Coursework included Java/C++ programming, data structures, algorithms, hardware concepts and assembly language, calculus, statistics, discrete math.
- University of Kentucky - B.S., Economics** 2005-2010