David Calhoun

frontend web developer

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Job History

Netflix (Los Gatos, CA) — UI Consultant (full time, Nov 2017 to Mar 2019)

- As the frontend expert for the Partner Lifecycle Engineering (PLE) team, I maintained an in-house UI component library built on Material UI and added new features and maintained various React apps. Worked closely with QA to examine pains in testing React apps, and developed an **ESLint plugin** to help enforce new test-friendly code standards.
- **Technologies used**: Node.js, React.js, Redux, RXJS, Material UI built with Webpack, Rollup, as well as backend tech such as Node.js and PostgreSQL.

WebMocha (Remote) — Web Developer (Remote Contractor) (part time, January 2009 to November 2017)

- Built a fullstack dashboard tool to ingest and organize technical content from Twitter and Pocket, to assist with a weekly newsletter. React.js and Node.js. Also helped with various short-term projects (Wordpress, etc).

Google (Mountain View, CA) — Software Engineer (full time, Aug 2014 to Mar 2016)

- After Terra Bella (Skybox Imaging) was acquired by Google in August 2014, I helped start the groundwork for new imaging satellite dashboards within the Google codebase and new coding standards.

Terra Bella (Mountain View, CA) — Frontend Web Developer (full time, May 2012 to Aug 2014)

On-Site (full time, August 2013 - August 2014)

- Collaborated with a designer and end users to build an entire fullstack app to preview images in the image processing pipeline. Node.js, Redis, and Socket.io.

Remote Contractor (part time, May 2012 - August 2013)

- Created the Mission Operations Center dashboard used for monitoring live satellite telemetry, also developed several map-based apps.

CBS Interactive (San Francisco, CA) — Mobile Frontend Web Developer (full time contractor) (August 2011 to May 2012)

- Developed an entirely new and fast frontend for the CNET mobile, using Node.js as a backend.

JSMag (Remote) — Community News writer (remote part time contractor) (October 2010 to October 2012)

- Writer for a weekly and monthly column about the latest JavaScript community happenings.

Yahoo! Inc. (Sunnyvale, CA) — Frontend Engineer (June 2008 to October 2008, July 2009 to April 2011)

Frontend Engineer on the Yahoo! Tiger Team (full time, October 2010 to April 2011)

- Taught an internal HTML5/CSS3 training and took initiative to help restart an internal frontend conference.

Frontend Engineer at Yahoo! Mobile (full time, July 2009 to October 2010)

- Developed on the **Blueprint mobile platform**, a cross-browser component library for "nonsmart" phones. Implemented new components and improved accessibility. Also created and hosted the Mobile Developer Summit conference.

Frontend Engineer Intern for Yahoo! Shine (full time, June 2008 to October 2008)

- Developed an internal post scheduler feature for content writers and design explorations of a three-column blog post layout.

Talks and Posts

Bundling JavaScript for Performance: Best Practices (Web Performance Calendar)

A Simple Introduction to Javascript Map and Reduce Array Helper Functions

JSConf talk videos: **Philosophy and JavaScript**, **Realtime Satellite Tracking in the Browser**

More Info

Education: **Biola University**

Interests: Hiking (hiked over 1000 miles of the Appalachian Trail in 2019!), photography, philosophy, classic cinema (lots of Criterion Collection titles!).

References

James Long (coworker at Skybox), **Joël Cheuoua** (coworker at Netflix), **Kalina Panayotova** (coworker at Netflix).