MATT CONRAD

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TECHNOLOGIES

Strong: NodeJS, React/Redux, Typescript, C#, PHP, Jenkins, Git, AWS, Webpack, Grunt, jQuery, HTML/CSS
Experienced: MySQL, MongoDB, Redis, AngularJS, Scala, Ruby, Docker, Unity, Three.js, Gulp, Photoshop

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PROFESSIONAL EXPERIENCE

Credit Karma | Software Engineer | San Francisco, CA   June 2015-Present
- Building services to retrieve credit alerts from bureaus and send millions of emails & push notifications daily
- Building and maintaining JSON API for personalized recommendations on the web and mobile homepages
- Worked as lead front-end engineer to create new internal tools platform and have supported 5+ teams with training, code review, and automated CI and build processes using React, Webpack, Grunt, Jenkins, and Docker
- Daily Technologies: React/Redux, NodeJS, Webpack, PHP, Scala, Docker, Vagrant, Jenkins, MySQL, Git, and JIRA

Technical Consultant | Contractor | San Francisco, CA   June 2014-Dec 2014
- Worked on debugging database issues for business management software company, Elegrity
- Performed quality assurance testing on mobile app for crowdsourced flashcards company, Quizlet

Bradley Arant Boult Cummings LLP | Associate Attorney | Nashville, TN   Mar 2013-Feb 2014
- Negotiated and drafted legal documents for 5 commercial mezzanine loans in amounts up to $60M each
- Performed diligence on distressed asset purchases (each $2-10M) on a small, fast-paced team

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PERSONAL PROJECTS

Flight of the NaVRigators | Available on iOS App Store & Google Play Store
Multiplayer virtual reality flying race, Unity application for iOS
- Dynamic environment generation and real-time state shared between several clients
- Gaming interactions scripted using C#; networking layer implemented with Photon library

Spear (currently in development) | https://github.com/conrad/spear
Document search tool with saved search profiles, multi-document searches, and exporting of results
- Implemented using Electron, NodeJS, React/Redux, Webpack, Typescript, AWS Lambda, and DynamoDB

Holograf | www.holograf.io
Web application that renders programming algorithms as interactive 3D visualizations
- Built interactive 3D representations of JavaScript code using Three.js for environment and Raphael.js for overlay
- Designed dynamic parsing of AST structures to track the execution of Javascript code
- Integrated 3D environment with React/Flux and Sass front-end; builds using Gulp, tests using Jasmine, and deployment using AWS

Jaunt | github.com/conrad/jaunt
Mobile walking tour app with audio content triggered based on location and visual content from Yelp API
- Developed user tracking and location-based content delivery with Google Maps API and HTML5 geolocation
- Worked with AngularJS and Ionic to implement an intuitive mobile user interface and routing

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EDUCATION

University of Michigan Law School | J.D. | Ann Arbor, MI   2012
- Chair of Environmental Law Society, tech law journal editor

Brown University | B.A. in Biology | Providence, RI   2007

PERSONAL

Rock climber, avid board-gamer, multi-instrumentalist, former SCUBA instructor in Australia, experienced sailor