

Front-End Web Developer

Profile

I am a Team Lead Front-End Developer looking for a forward-thinking, challenging, and collaborative environment where I can create compelling digital experiences.

- **Languages:** JavaScript, HTML, CSS, ActionScript3, PHP, Adobe ExtendScript, Java
- **Frameworks:** AngularJS, Node.js, Greensock Animation Platform, RequireJS, Hammer.js, Bootstrap, D3.js, Three.js
- **Automation:** Git, Gulp, npm, Bower, Mocha, Chai, Karma, SauceLabs, SVN, Bamboo
- **Design Tools:** Illustrator, Photoshop, After Effects, Flash

Experience

Sr. Creative Technologist, Team Lead

April 2016 – Present

Conversant, Inc.

Chicago, IL

- **Project and Development Lead for Rapid Ad Development Framework:** Plan sprints, review pull requests, develop new features, and push hotfixes to a framework that powers approximately 100 million digital ad impressions per month
- **Project and Development Lead for Personalized Video:** Plan sprints, supervise architecture, and review pull requests for ongoing feature enhancements and hotfixes on personalized video automation tool
- **Project and Development Lead for Data Visualization:** Project plan, provide UX input, prototype, and coordinate with various cross-functional teams to execute a highly interactive marketing experience using D3.js
- **Project and Development Lead for Creative Innovation:** Project plan, prioritize, and execute prototypes and research for new digital advertising capabilities and products

Sr. Creative Technologist

April 2014 – March 2016

Conversant, Inc.

Chicago, IL

- **Project and Development Lead for Personalized Video:** Architected and developed new tool and automated process for individualized video advertising using AngularJS, Node.js, and ExtendScript with Adobe's CEP Platform
- **Co-Lead Developer for Rapid Ad Development Framework:** Created an object-oriented JavaScript framework leveraging JavaScript, RequireJS, TweenMax, and Hammer.js that abstracts most Ad Platform and browser-created complexities and provides reusable components for common features. Wrote and maintain automated build tasks using Gulp and unit tests using Mocha, Chai, and Karma
- **Project and Development Lead for Interactive Preroll:** Architected and developed a scalable solution for personalized Interactive Preroll advertisements that integrated with proprietary platforms and was in alignment with IAB standards
- **Creative Technology Training Lead:** Created a new onboarding process for the Creative Technology team that reduced onboarding time by 50% while improving new hire knowledge and productivity

Creative Technologist

December 2011 – March 2014

Conversant, Inc.

Chicago, IL

- **Project and Development Lead on Batch Image Processing Tool:** Created a tool to assist in image cropping and processing for multi-size digital advertisements – Achieved 80% incremental resource gains
- **Project and Development Lead for Digital Asset Management Tool:** Responsible for developing an intuitive interface for digital asset keywording and search; Persuaded stakeholders to purchase a third-party tool instead of developing in-house
- **Advertisement Developer:** Collaborated with Art Directors, Production Artists, Account Managers, and Client Integration Engineers to create dozens of unique, personalized ad campaigns in both Flash and HTML

Coolmath.com, Inc.

Remote

- **Original Games:** Responsible for the design, programming, artwork, sound, and testing of dozens of original flash games
- **Modified Games:** Modified purchased games to include customized artwork and functionality
- **Self-Development:** Learned a variety of technical skills, and self-managed project structures and timelines

Education

University of Richmond - 2009

Bachelor of Science in Biology, Minor in Spanish, Graduated Cum Laude with Honors

Undergraduate Research in Genetics - Fall 2006 – Spring 2009

- Conducted research on the involvement of RNA interference in regulating development by practicing hypothesis-driven problem solving to develop original experiments and modify protocols
- Received the Robert F. Smart Award for Best Undergraduate Research Proposal