

Emily Karp

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Front-End Engineer – *SmartAsset* (online financial education resource) June 2016 - PRESENT

- Collaborate with product, design, and QA teams to maintain and extend SmartAsset.com and user-facing Captivate tools in Play Framework (Java, Groovy, MySQL) on an Agile tech team
- Collaborate with other developers to establish robust SASS and JavaScript foundations with recyclable, extensible, increasingly component-based code and code standards
- Proposed and continuously guide the tech team's adoption of a BEM based class/variable naming convention
- Help train other developers in programming fundamentals and/or best practices

Project: SmartReview refactor (internal tool system)

- Reengineered seven distinct internal systems into a single robust CMS, with significant UI improvements via custom jQuery/JSON widgets, and unified, extended product data architecture in Hibernate
- Collaborated with product, design, and editorial departments to establish the new system requirements and arrange data migration and release plans with minimal disturbance to editorial's active publishing schedule
- Planned and oversaw iterative data migration jobs from each old system into the new unified system
- Designed and implemented new UI structures for functionality requested in parallel to the refactor

Project: SmartAdvisor (user-facing SPA)

- Developed and maintained a responsive, flexible SPA with custom JavaScript libraries, the first and central user-facing tool on what became the company's highest revenue generating product
- Worked closely with product and design teams to conduct and leverage A/B tests to evolve this app
- Designed and implemented a highly customized CMS for manipulating the app with minimal tech oversight
- Designed and maintained a user-friendly Javascript testing library for for the app for QA and product teams

Front-End Web Developer – *Web Developers Studio, LLC* (full-service web agency) March 2013 - June 2016

- Collaborated to create static HTML5 and WordPress or other CMS websites specific to client content and goals, designed from scratch, by modifying purchased themes, or from Photoshop mockups or wireframe layouts
- Designed and wrote custom ES6 JS, jQuery, and PHP scripts, ReactJS apps, and WordPress widgets to fulfill client needs
- Thoroughly debugged and tested each product for cross-browser compatibility and seamless mobile responsiveness
- Created or altered graphics as necessary with CSS3, Adobe Photoshop and Illustrator, and animations with jQuery or CSS3 Animations
- Strategize with clients about everything from technical decisions to visual branding and social media
- Set up and used npm workflows with tools including git, gulp, Grunt, Jade, Mustache, Less, and SASS

Campaign Manager & Editor – *ECS Bergen County* (community religious organization) Sept 2015 - July 2016

- Collaborated closely with the Senior Editor to design and implement an attractive template for the monthly newsletter using MailChimp
- Each month, aggregated and arranged news, columns, and announcements, with heavy custom CSS styling and editing or optimizing images and graphics
- Converted the newsletter to an attractive print booklet with Google Chrome Dev Tools and Adobe products

Content Manager & Editor – *Mtelegence Corp.* (literacy education SAAS provider) Sept. 2012 - July 2014

- Organized and oversaw UX testing groups for flagship SAAS product, as well as field tests to measure the

software's effectiveness

- Edited hundreds of 0:20 - 5 min. explanatory videos that were part of the software's interface and integrated those videos into the product's HTML code
- Contributed to product branding, graphic design, and marketing strategy on the small team where necessary
- Acted as a help-desk agent for bug testers and beta users during software development, and collaborated to debug the issues they found
- Edited and rewrote science articles for twelve different grade levels, and edited applications for government grant funding

SKILLS

- Languages – JavaScript ES6+, HTML5, CSS3, SASS, Less, Java, Groovy, MySQL, RegEx, Bash, Python
- Libraries/frameworks – Play Framework, Hibernate, jQuery, React, Angular, Bootstrap, Zurb Foundation, TinyMCE, Node/Express, Django, Pug, Mustache
- Tools – npm, git, Grunt, Webpack, Docker, IntelliJ, VSCode, SequelPro, JIRA, Adobe Photoshop/Illustrator

EDUCATION

BA, Rutgers University, School of Arts and Sciences, 2012