

# Christopher Umbach

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- EXPERIENCE**
- MLB Advanced Media** - Software Engineer *San Francisco, CA (November 2016 - Present)*
- Developed and maintained a number of popular Javascript-based applications for AppleTV, including HBO, MLB, WWE, and NHL
  - Essential member of the engineering team responsible for updating existing apps to use new technologies including an SDK, GraphQL, and externalized settings
- Apple** - Software Engineer, Contract *Cupertino, CA (August - October 2016)*
- Engineered animated product demonstration slideshow and help documentation web-based applications under tight deadlines in an Agile environment using Javascript, jQuery, LESS and Handlebars on an Ember framework
  - Worked closely with the localization teams to ensure conformity among deliverables
- Watchwith** - Front End Software Engineer *San Francisco, CA (April - July 2016)*
- Utilized Watchwith's temporal metadata platform to create unique interactive ads, promos and user engagements for top TV and online video networks using Javascript, jQuery, HTML and CSS on an Angular Framework
  - Quickly became an integral member of the small engineering team and worked on projects that eventually led to a successful acquisition by Comcast
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- PROJECTS**
- Moodly** (Rails, React) | Team Project: *Full-stack engineer* [demo](#) | [live](#) | [github](#)  
*Web app for tracking emotional wellness*
- First-place prize winning app for Microsoft's DevWeek Hackathon Challenge
  - Worked as part of a 5-member team to build an emotional wellness app over 30 hours
  - Employs Cortana's Text Analytics, Face, and Emotion Machine Learning APIs
  - Implements facial recognition authentication - Users express an emotion as a password
- FoodieFridge** (Rails, React) | Individual Project: *Full-stack engineer* [live](#) | [github](#)  
*Unique web app for finding recipes based on ingredients in your fridge*
- Implements custom authentication using BCrypt to store password as secret hash
  - Search feature updates results in real time by utilizing the public API from Yummly.com to retrieve recipes.
  - Intuitive HTML5 drag-n-drop UI to create filters and additional search options
- Bombberman.js** (Javascript, HTML5 Canvas) | *Front-end engineer* [live](#) | [github](#)  
*Based on the classic game for Nintendo*
- jQuery-Lite + Snake** (Javascript) | *Front-end engineer* [live](#) | [github](#)  
*A JS library+game that mimics jQuery's DOM manipulation, traversal, and selection abilities*
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**TOP SKILLS**    Javascript, jQuery, React, Angular, Ember, Ruby, Rails, HTML, CSS, SQL, Git, Canvas

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- EDUCATION**
- Software Engineering** - *App Academy, SF (Oct 2015 - Jan 2016)*
- 12-week intensive Full-Stack course teaching Ruby on Rails and Javascript/React
- BS in Biochemistry, Business Minor** - *Lehigh University, PA (2012)*
- Graduated with Honors, 3.43 GPA