Iain "Cecchi" MacNaughton

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Education   Northeastern University, Boston, MA - Computer Science   Sept. 2010 – Nov. 2012

Technical Knowledge

- **Markup Languages:** HTML5 & CSS3 (with SCSS/LESS and Compass), XML
- **Scripting Languages:** JavaScript, PHP
- **JavaScript Dialects:** Node.JS, Phantom/CasperJS, Meteor
- **Query Languages & Databases:** MySQL, Redis
- **Libraries & Tools:** jQuery, Zepto, Underscore, AngularJS, PopcornJS, EtherpadLite
- **Platforms:** Mac OSX, Windows, Linux, Android, PhoneGap

Experience

Bright.com - Front End Engineer (Nov. 2012 – Current)

- Developed all aspects of user-facing code for a high volume site (10's of millions of page views per month), including modular templates and accompanying Javascript and CSS
- Built and maintained back end controllers, libraries, and APIs for marketing-related systems.
- Worked with the marketing team to quickly iterate and optimize user flows and interfaces.

NimbleBot - Front End Developer (Feb. 2012 – June 2012)

- Built a web app interface for a large-scale online interactive textbook platform, included all client-facing HTML and CSS as well as many of the JavaScript modules.
- Combined PopcornJS and Meteor to build a live, interactive, web show for **Boston.com**. Viewers interact with the live stream in numerous ways and that data is propagated to other viewers and the host instantly.
- Developed the JavaScript application structure around PopcornJS for **ReactVid.com**, a web platform for crowd-sourced fact-checking for political campaign ads.

Adirondack Camp - Webmaster (Feb. 2011 – Aug. 2012)

- Led marketing efforts for **AdirondackCamp.com**, generating leads for new campers and staff, while managing the general upkeep of the site on a day-to-day basis.
- Collaborated with another developer team to aid in the creation of an entirely new website.

Personal Projects

- Developed **ScreenTunes.com**, a web service that allows users to search movie soundtracks. It was featured on Salon.com, CNet.com, NYTimes.com, DownloadSquad.com, Mashable.com and several others. A special widget was designed for use by ARTISTdirect.com, a leading music site.
- Created **Finale.fm**, a music store where users donate a portion of what they spend on music to charity (in dev).
- Administered a gaming fan site with 30,000+ members; developed many features including a popular graphing system for game item prices with 75,000 unique users and over 10 million recorded data points.
- Built a system for implementing chunked-transfer encoded responses through long-lived AJAX requests.
- Designed a JavaScript/HTML5 implementation of polygon triangulation and point-picking.

Pro-Bono Work

- Built SiliconPrairie.com, the web presence of a short documentary created by a Reddit co-founder and featuring various start ups, entreprenuers, and internet activists in the mid west.
- Designed and coded CFPTheBand.com for an upcoming Boston-based hip hop group.

Interests

- **Soccer:** Played for a regional club team after captaining in high school, and has continued to play in a few Boston-area men's leagues.
- **Rock Climbing:** Starting climbing at age 11 and have continued climbing indoors and outdoors.
- **Hiking:** Hiked in the Adirondacks extensively as well as the White Mountains, and internationally when possible.

References   References available on request.