

Iain "Cecchi" MacNaughton

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Education

Northeastern University, Boston, MA

Sept. 2010 – Current

Candidate for a B.S. in Computer Science (2015)

Andover High School, Andover, MA

Sept. 2009 – June 2010

NOLS (National Outdoor Leadership School), UT/WY

June 2009

Phillips Academy, Andover, MA

Sept. 2006 – Mar. 2009

Technical Knowledge

- **Markup Languages:** HTML5 & CSS3, XML, AngularJS
- **Scripting Languages:** PHP, JavaScript (and jQuery), AJAX
- **JavaScript Dialects:** Node.JS, Phantom/CasperJS, Meteor
- **Query Languages & Databases:** MySQL, Redis
- **Platforms:** Mac OSX, Windows, Linux, Android, PhoneGap

Experience

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.

AdirondackCamp.com - 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.

Contracted Web Development (2009 – 2012)

- Created an online merchant application for **CPay.com**, a credit card processor.
- Updated **WallMonkeys.com**, a wall graphics company, adding nearly 10 million products to their catalog and extending their services to Google Base and Amazon, as well as developing an in-room preview feature for their graphics
- Revised **YourCollage.co.uk**, including creating a new uploading system for images and integrating the checkout process across a number of sister sites.
- Added a job search feature to **DentalAssistant.net** pulling listings from Indeed.com
- Built a deal aggregator for **FreeMania.net** that retrieves deals from various sources daily.

Personal Web Projects (2008 – 2012)

- 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 development).
- 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.

Interests

- **Soccer:** Played for a regional club team 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.