

# Iain "Cecchi" MacNaughton

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## Education

Northeastern University, Boston, MA  
Candidate for a B.S. in Computer Science  
Graduating in 2015

Sept. 2010 – Current

Andover High School, Andover, MA  
NOLS (National Outdoor Leadership School), UT/WY  
Phillips Academy, Andover, MA

Sept. 2009 – June 2010

June 2009

Sept. 2006 – Mar. 2009

## Technical Knowledge

- **Markup Languages:** HTML5, CSS3, XML, Textile
- **Programming Languages:** Java, Scheme (Lisp), ACL2s, C
- **Scripting Languages:** PHP, JavaScript (and jQuery), AJAX
- **Query Languages:** MySQL
- **Platforms:** Windows, Max OSX, Linux, Android

## Experience

### Freelance 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 downloading site where users can donate a portion of what they spend on music to charity (not yet launched).
- Administered a gaming fan site with 30,000+ members; developed many features including a popular graphing system for game item prices with about 75,000 unique users and over 10 million recorded data points.
- Built a system for implementing chunked-transfer encoded responses through AJAX for long-lived requests.
- Designed a JavaScript/HTML5 implementation of polygon triangulation and point-picking.

### Adirondack Camp Webmaster (Feb. 2011 – Current)

- 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.

### Camp Counselor and Rock Climbing Instructor (June – Aug. 2010, 2011)

- Spent 2 years teaching rock climbing to children aged 6 to 16, and led rock climbing trips to crags in upstate New York.
- Lived with a group of 14 and 15 year olds and organized activities for them.

## Interests

- **Soccer:** Played for a regional club team and was the captain of high school's varsity team. Has continued to play in a few men's leagues.
- **Web Design:** Developed multiple websites for friends as well as myself.
- **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.