

# James Magnarelli

Local Address  
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Available: **January 2014 - July 2014**

Permanent Address  
5 Mozart Ave  
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## EDUCATION

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**Northeastern University**, Boston, MA 2010-Present  
College of Computer and Information Science (CCIS)  
Candidate for a Bachelor of Science in Computer Science, 2015  
*Organizations:* Association for Computing Machinery, NUHacks, CCIS Crew  
*Related Courses:* Social Information Systems, Algorithms, Programming Languages, Linear Algebra, Database Design, Theory of Computation, Systems and Networks, Artificial Intelligence, Object-Oriented Design  
*Honors:* GPA: 3.5/4.0, Dean's List, Honors Program

## COMPUTER KNOWLEDGE

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*Languages:* Python, Java, C, C++, Racket, ACL2, SQL, Javascript, HTML, CSS, MIPS Assembly  
*Systems:* ArchLinux, Debian Linux (Ubuntu, Backtrack 5), Windows 8, 7, Vista  
*Applications:* Eclipse, WebStorm, VIM, Git, Perforce, Make, Tortoise (SVN), Dr Racket, ArgoUML  
*Side-projects:* Maverick (Chess AI, Python), GatherUs (Social Voting Site, Javascript), Prism (Adventure Game, Prolog), Crew-Hours (Business Hours Listings, PHP/MySQL), Daily1811Slang (Twitter Bot, Python)

## WORK EXPERIENCE

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**Intuit, TurboTax Division** San Diego, CA  
*Co-op Software Engineer, NUE/PACE Team* January 2013 – June 2013

- Implemented and expanded parsing and transcoding capabilities in a large Java project
- Designed and developed new features for a Javascript application and the Mojo Javascript framework
- Wrote and interpreted customer-centric features requirements and documentation.
- Won first place in "Codechella," a team-based company hackathon for mobile applications

*Co-op Software Engineer, Healthcare Team* March 2013 – June 2013

- Conducted customer research, interviews, and focus groups in multiple cities
- Rapidly iterated on prototypes to test hypotheses and improve customer experience
- Coordinated development efforts across multiple teams, including other co-ops and full-time staff

**Empirix** Bedford, MA  
*Co-op Software Engineer* January 2012 – June 2012

- Designed and implemented C++ diagnostic management application for blade servers
- Developed C and C++ system diagnostic programs using inter-process communication
- Documented work, producing a full specification and user guide in company format

**Northeastern University ResNet** Boston, MA  
*System Administrator* July 2012 – Present

- Manage and maintain production systems (web server, Active Directory, Puppet, firewalls, and more)
- Design and implement new systems, including office email server and mailing lists

*Security Auditor* June 2011 – January 2012

- Conducted a physical and data security audit of office systems as part of a two-man team
- Documented vulnerabilities, produced a mitigation plan, and monitored plan implementation

*Computer Repair Technician* July 2010 – September 2012

## INTERESTS

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*Activities/Volunteering:* Guitar, violin, mountain biking, Destination Imagination, Habitat for Humanity  
*Authors:* Arthur C. Clarke, Douglas Adams, Asimov, David Foster Wallace, Kipling, Tolkein, Jack London

**References to be furnished upon request**