

## CHRIS MIDDLETON

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### EDUCATION

Boston University, Boston, MA September 2012 - May 2014  
*Major in Mathematics | Minor in Computer Science*

- Courses included: Computer Science I/II, Software Engineering, Computer Systems, Analysis I/II, Chaotic Dynamical Systems, Number Theory, Linguistics, Fundamentals of Computing, Theory of Computation, Set Theory, History of Math, English

Goucher College, Baltimore, MD August 2010 - May 2012  
*Major in Mathematics*

- Dean's List
- Musical Director of a capella group Red Hot Blue
- Courses included: Multivariable Calculus, Probability, Graph Theory, General Physics I/II, Intro to Higher Math, Math Methods for Physics, Astronomy, Spanish, International Relations, Music Theory, Screenwriting

Boston Latin School, Boston, MA September 2004 - June 2010  
*College Preparatory Curriculum (7th through 12th grades)*

- Invitation to National Honor Society
- Co-captain and musical director of the Wolftones (male a cappella group)
- AP Tests: Music Theory (Score: 5), Modern European History (Score: 5), Calculus AB (Score: 5)
- SATs: Writing: 760, Reading: 750, Math: 720; Subject Tests - Spanish: 710; World History: 730

### WORK EXPERIENCE

Acordex Imaging + Mobile, North Andover, MA July 2014 - present  
*Software developer*

- Completed projects from requirements to design to development to testing to deployment.
- Developed front-end code in HTML/CSS/JS, backend code in PHP, mobile apps in Java, setup scripts in bash, and database queries in MySQL.
- Learned the details of multiple domains, from trucking regulations to image parsing and manipulation.
- Led adoption of JS compilation, automated testing, and code review.
- Worked to make the software maintainable with minimal user disruption.
- Automated the system setup for multiple Linux distributions.

Community Music Center of Boston, Boston, MA January 2013 - July 2014  
*Accompanist and assistant director of the JP Middle School Chorus*

- Led the students in vocal warm-ups and breathing exercises.
- Arranged material for performance.
- Accompanied the choir on the piano.
- Assisted the director in teaching material, and led rehearsal in the director's absence.

Community Music Center of Boston, Boston, MA  
*SummerARTS Group Leader (Counselor)*

July 2007 - July 2012 (summers only)

- Performed clerical and administrative duties.
- Facilitated all daily educational group activities.
- Mentored students and encouraged active participation in daily activities.
- Supervised students during lessons, meals, and field trips.

Goucher College Academic Center for Excellence (ACE), Towson, MD  
*Student Instructor (SI)*

January 2012 - May 2012

- Taught math oriented towards liberal arts majors; material included graph theory, voting, and interest.
- Reviewed problems from the homework and prepared students for exams.
- Acted as an on-call reference for students experiencing trouble outside the normal SI hours.

Goucher College Math Department, Towson, MD  
*Homework Grader*

January 2012 - May 2012

- Efficiently and fairly graded homework assignments.
- Included detailed explanations of solutions for struggling students.
- Offered feedback to the professor about students' academic progress and areas of weakness.

Goucher College Music Department, Towson, MD  
*Page Turner*

September 2010 - December 2011

- Greeted guests and distributed programs prior to each concert.
- Assisted performers by reading along and turning pages at the appropriate times.

Weston Drama Workshop at Regis College  
*Keyboardist in The Who's Tommy*

July 2011

- Designed a sonic palette for instruments indicated by the score on a digital keyboard.
- Quickly and fluidly changed between multiple digital instruments as appropriate.
- Audially coordinated musical entrances with vocal performers.

Boston University College of Fine Arts Theatre Department  
*Keyboardist in The Beauty and the Beast*

Fall 2009

Central Congregational Church, Boston, MA  
*Substitute accompanist*

2009-2010

## **VOLUNTEER EXPERIENCE**

West End House Boys & Girls Club, Allston, MA  
*"Reading Buddy", "Homework Helper"*

Fall 2012

Uncommon Productions, Foxboro, MA  
*Trumpet player in the pit orchestra for Anyone Can Whistle*

Summer 2010

## SKILLS & AWARDS

### Programming-related skills:

- Strong experience with: HTML, CSS, JS, PHP, MySQL, bash, Linux, git, Github
- Experience with: Java, C, TIFF, PDF, networks, Apache, general computer science
- Familiar with: Python

### General skills:

- Experience with: Microsoft Word, Excel, PowerPoint, LaTeX, Sibelius
- Typing: 90-110 wpm average, 130 wpm maximum
- Strong communication skills
- Proficient in the Spanish language
- Experience teaching and taking care of children, as well as experience teaching peers

### Musical abilities:

- Strong experience with: piano and vocals in classical, jazz, and pop/rock
- Experience with: in trumpet, drums, and guitar
- Some experience with: experience with french horn and bass guitar
- Songwriting, arranging, conducting, accompanying

### Awards and Achievements:

- Pi Mu Epsilon member, 2012
- National Honor Society invitation, 2010
- AP Scholar with Honors Award, 2010
- Massachusetts Music Educators Association Eastern Senior District Festival, All-State participant, 2010
- CMCB Senior David Lapin Competition: Honorable Mention, 2009; 3rd place, 2010
- BLS Stephen S. O'Donnell Scholarship recipient [awarded for achievement in pop singing], 2010
- Fidelity Futurestage Competition winner - performed original song accompanied by The Boston Pops Orchestra at Symphony Hall, 2009
- Berklee High School Jazz Festival MVP award winner, 2008
- CMCB Junior David Lapin Competition, 1st place, 2006
- National Latin Exam, gold/silver medal, 2006/2007.
- National Spanish Exam, premio plata (silver medal), 2009.
- Johns Hopkins Youth Talent Search Finalist, 2005.