

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.
- Audibly 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.