

Joshua Bloom

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Education

Swarthmore College, Swarthmore, PA

Bachelor of Arts, Special Major in Educational Studies and Computer Science, June 2013. GPA: 3.53

Undergraduate Thesis: "Preparing Students for the 21st Century with Scratch Computer Programming" (May 2013).

- Agora Talks Presenter – <http://agora.swarthmore.edu/winners.html>

Relevant Coursework:

- Educational Studies: *Introduction to Education, Adolescence, Adolescence and Special Education, Educational Psychology, Special Education, Language Minority Education in the U.S.*
- Computer Science: *Data Structures and Algorithms, Computer Organization, iOS Application Development, Artificial Intelligence, Algorithms, Structures and Interpretations of Computer Programs.*
- Mathematics: *Single Variable Calculus I and II, Discrete Mathematics, Statistical Thinking.*

Teaching Experience

Technology Integration Facilitator

Primary and Senior Schools, Qatar Academy Sidra

(August 2014 – Current)

- Analyzed grade-level unit plans and suggested opportunities for technology integration during weekly PYP and MYP meetings.
- Supported classroom teachers by co-teaching lessons involving technology integration.
- Led professional development for faculty (SMART Board and Notebook, Google Apps, PowerSchool).
- Created digital How-To guides and step-by-step tutorials.

Co-Teacher

Primary School, Qatar Academy Sidra

(August 2013 – July 2014)

- Assisted mentor teacher with literacy lessons and provided one-on-one reading support to struggling students.
- Taught kindergarten mathematics in an international school.
- Developed curriculum, scope, and sequence in line with Common Core standards.

Scratch Programming and Mathematics, Wallingford Elementary School

(January 2013 – May 2013)

- Taught Scratch computer programming to 3rd, 4th and 5th graders as fieldwork for my 1-credit thesis.

Teaching Assistant

Mathematics Department, Swarthmore College

(September 2011 – December 2012)

- Held walk-in clinics for students in Single Variable Calculus and graded problem sets.

Computer Science Department, Swarthmore College

(January 2011 – May 2011)

- Held lab help sessions for students in Introduction to Computer Science.

Classroom Observations

(January 2012 – December 2012)

Through practicum experiences linked to my courses in educational studies, had the opportunity to observe and assist teachers in the following school settings:

- Gotwals Elementary School, Norristown, PA: kindergarten classroom
 - Observed approaches to ELL instruction and provided one-on-one reading support to ELL students.
- Strath Haven High School, Wallingford, PA: 9th grade algebra and 11th grade learning support
 - Provided one-on-one support to special education students finding coursework challenging.

TOPSoccer, Swarthmore College, Swarthmore, PA

(March 2010 – June 2013)

- Coached athletes with disabilities in how to play soccer and basketball once a week for an hour.

Leadership Experience

Camp Counselor, Unit Leader, & Lifeguard, Center Day Camp, Windham, ME

(Summers 2009 – August 2013)

- Worked approximately 45 hours per week.
- Gained valuable skills and experience working with children 6-14 years old by helping them succeed in activities ranging from swimming to drama and by mediating social conflicts when they arose.
- Assisted an autistic boy with his personal and social needs throughout each day.

President and Founder, Club Soccer Team, Swarthmore College

(August 2010 – June 2013)

- Responsibilities included: charter construction, budgeting, scheduling, practice planning, and transportation planning for the men's club soccer team.

Skills

Computer: Mac and Windows OS, Google Apps, SMART Notebook, Microsoft Office Suite, C++, Python, HTML, CSS.