

# Christopher H. Harvey

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<http://chharvey.github.io/>

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## EDUCATION & LICENSURE

M.A. Ed. Curriculum and Instruction, 2012

B.S. Mathematics (Education Option), 2011

*Virginia Polytechnic Institute and State University*

GPA: 3.950 / 4.0

*Cum Laude*, GPA: 3.539 / 4.0

Blacksburg, VA

Virginia Postgraduate Professional License, 2012

## TEACHING EXPERIENCE

### William Monroe Middle School

*Teacher. Math 7*

Stanardsville, VA

Aug 2013–Jun 2014

### Charlottesville High School

*Teacher. Algebra II, Algebra II Honors*

Charlottesville, VA

Aug 2012–Jun 2013

### Patrick Henry High School

*Student Teaching. Cooperating Teacher: Ben Bazak, Algebra II and Geometry*

Roanoke, VA

Feb 2012–Apr 2012

- Constructed, delivered own lesson plans, assessment tools
- Periodically video recorded myself teaching lessons for self-evaluation
- Synthesized cumulative electronic portfolio featuring evidence of the 10 INTASC standards

### Auburn Middle School

*Internship. Cooperating Teacher: Eric Altizer, Math 7 and Pre-Algebra*

Riner, VA

Sep 2011–Dec 2011

- Assisted cooperating teacher with grading, attendance, classroom management
- Mirror-taught lessons, modified/constructed and taught lesson plans for entire class periods
- Conducted intensive student interview to assess understanding of a specific topic
- Attended after-school programs, clubs, parent-teacher conferences, team meetings
- Worked with colleagues to construct and peer-teach a lesson using manipulatives

### Stonewall Jackson Middle School

*ELL Teaching Project. Supervisor: Betti Kreye, Virginia Tech*

Roanoke, VA

Fall 2011

- Diagnosed, analyzed gaps between Math VA SOLs and WIDA Can Do Standards
- Conducted observations in math classes, ELL classes following observation protocol
- Designed lesson plans that provide access to content concepts for ELLs, based on both sets of standards
- Taught hour-long lesson with cohort to after-school group of middle school students
- Analyzed results of lesson and overall experience

**Blacksburg High School**

Blacksburg, VA

*Early Field Experience. Cooperating Teacher: Bill Noble, Geometry and Algebra II*

Feb 2011–Apr 2011

- Assisted cooperating teacher with a variety of classroom duties
- Tutored students in small groups, one-on-one
- Conducted classroom observations, compared findings with professional research on the 6 NCTM principles

**Virginia Tech Math Emporium**

Blacksburg, VA

*Mathematics Tutor*

Aug 2010–Dec 2011

- Assisted students in first-, second-year collegiate mathematics courses
- Helped with practice quizzes, homework problems
- Reviewed lessons, clarified content material

**OTHER WORK EXPERIENCE****Charlottesville High School Swimming**

Charlottesville, VA

*Assistant Swim Coach. Head Coach: Ron Price*

Nov 2012–Feb 2013

**Lakevale Estates**

Vienna, VA

*Head Swim Coach*

2010–2011

- Instructed children ages 4–18
- Taught basics of water training, various stroke techniques, drill, sprint, endurance training in daily practices
- Coached swim meets, select swimmers for competition, help organize, attend team activities, fundraisers
- Constructed swimmer lineups for dual, individual, relay meets
- Created positive learning environment for all swimmers
- 4-1 record (2010); 5-0 record, Division Champions (2011)

**Virginia Tech Swim Club**

Blacksburg, VA

*Treasurer*

2009–2011

- Validated organization's identity with IRS
- Set up, administered bank account
- Managed club's income, expense funds
- Created projections, summaries of club's financial activity

*Webmaster*

2009–2011

- Authored, administered, updated club's web site
- Created, sent surveys and election polls to members

**Villa Aquatic Swim and Dive**

Fairfax, VA

*Assistant Swim Coach. Head Coach: Matt Salerno*

2006–2009

**Beanco Aquatics**

Fairfax, VA

*Assistant Manager. Head Manager: Kevin Adams*

2003–2009

- Employed, supervised other assistant managers and lifeguards
- Designed scheduling systems, employee procedures
- Administered pool operations; safety, first-aid, response, cleanliness, chemicals, other equipment
- Tended to customers' and patrons' needs in a timely manner
- Obtained certification in CPR, First Aid, Lifeguarding, Pool Operations

PROFESSIONAL DEVELOPMENT

|  |                 |
|--|-----------------|
| VCTM Conference, Harrisonburg, VA                                  | Mar 14–15, 2014 |
| VCTM Conference, Virginia Beach, VA                                | Mar 8–9, 2013   |
| VCTM Conference, Roanoke, VA                                       | Mar 9–10, 2012  |
| Secondary Mathematics Instruction in an Inclusive Classroom (3 hr) | Oct 12, 2011    |
| VCTM Conference, Richmond, VA                                      | Mar 11–12, 2011 |
| Preservice Teacher Education with TI-Nspire Technology (9 hr)      | Mar 28, 2009    |

TECH SKILLS

- Make clear distinctions between content and presentation, delegate separation of concerns
  - Utilize diverse, semantic data and metadata
  - Implement future-proof assistive technologies
  - Generalize and abstract reusable patterns
  - Construct and employ common libraries and databases
  - Develop and adhere to a rigorous set of standards and conventions
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- Microsoft Office 2008 Suite & Equation Editor
  - Key Curriculum Press Geometer’s Sketchpad
  - Calculator-Based Ranger 2; TI-Navigator
  - Logic Studio 9
  - Apple iWork ’09 and iLife ’09 Suites & Grapher
  - Key Curriculum Press TinkerPlots
  - SMART Technologies
  - Sonic Studio Soundblade

HTML      CSS/Less      JavaScript/jQuery      XML/XSLT/XSD      PHP      Java      *LaTeX*      Git

AWARDS & ORGANIZATIONS

|   |                                   |
|---|-----------------------------------|
| Robert Noyce Scholarship                              | Fall 2011–Spring 2012             |
| Educational Testing Service Recognition of Excellence | Nov 13, 2010                      |
| Dean's List   | Fall 2006, Fall 2007, Spring 2008 |
| National Society of Collegiate Scholars               | 2007–2011                         |
| Virginia Tech Marching Virginians, Trombone II        | 2007–2009                         |