PETER STEELE

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PeterASteele.github.io

EMPLOYMENT

Software Developer **Software Technologies Lab** **October 2014-Present**
- Built and tested an online system to allow users to view database information and allow administrators to add additional information online after logging in.
- Designed and built interface for admins to add/modify database information.
- Web Development using PHP and SQL (and a bit of JavaScript)

Programming Counselor **TIC Summer Camp** **Summer 2013 and 2014**
- Instructed middle school students on programming and robotics topics.
- Taught Java, C# (in Unity3d), RobotC, and LOGO.

EDUCATION

Blacksburg, VA **Virginia Tech** **Fall 2014 - Present**
- **Major: Bachelor of Science in Computer Science ('17)**
- 2nd Major: Bachelor of Science in Computational Modeling and Data Analytics (Data Science) ('18)
- **GPA: 3.89**
- Related Courses: Data Structures, Differential Equations, Multivariable Calculus, Linear Algebra, and Public Speaking.
- Currently Enrolled: Introduction to Proofs, Intro to Computer Organization, Intro to Problem Solving in CS, Statics, and Statistics for Electrical Engineers

McLean, VA **McLean High School** **Fall 2010-Spring 2014**
- GPA: 4.0570 (weighted)
- SAT: 2270 (1570 out of 1600)
- Perfect Score on Math SAT, Math Level 2 SAT Subject test, and Physics SAT Subject Test.

TECHNICAL EXPERIENCE

Projects
- **Answer sheet grading program:** Program written in java to grade bubbled-in answers for AMC contests. Adapts based on brightness/darkness of scan, quality of bubble markings, and other factors.
- **OCR Program:** OCR program written in java. Identifies text in images, and exports data to text file.
- **Drive (game):** Programming project using Unity3d, programmed in C#. 3-D two player racing game, using blender for 3-D modeling and Adobe Photoshop.
- **VT LineTime (Android App):** Project that uses data about the locations and times of every class to simulate and predict the length of lines at dining halls. The location of residence halls and the relative quality of dining halls is also considered.
- **PeterASteele.github.io:** Personal website. Website created with HTML and CSS using Skeleton as a framework. Contains links to projects and resume.

ADDITIONAL EXPERIENCE AND AWARDS
- **17th out of 80 participating individuals at the 2014 VT Bloomberg Codecon Competition (9/12/2014)**
- 1st Place in Elastic Launched Glider, 1st Place in Compound Machines out of ~20 schools at the Virginia Science Olympiad State Tournament (March 2014)
- 1st Place in Elastic Launched Glider out of 20 schools at the Virginia Science Olympiad State Tournament (March 2013)
- 1st Place Participant, Fairfax County Regional Science and Engineering Fair (March 2013)
- Participated in the UVA Computer Science Tournament, University of Maryland CS tournament, Thomas Jefferson Invitational Open in Informatics, and the American Computer Science League (ASCL) Competition

LANGUAGES/SKILLS
- Java, PHP, SQL, AHK, C# (in Unity3d), MatLab, and some JavaScript
- Familiar with HTML, CSS, and web development frameworks such as Bootstrap and Skeleton.