

Software Developer	Software Technologies Lab	October 2014-Present
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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)

TIC Summer Camp

Summer 2013 and 2014

- Instructed middle school students on programming and robotics topics.
- Taught Java, C# (in Unity3d), RobotC, and LOGO.

Blacksburg, VA **Virginia Tech** **Fall 2014 - Present**

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)
- **GPA: 3.81**
- A in CS 3114 (Data Structures and Algorithms)

McLean, VA

McLean High School

Fall 2010-Spring 2014

- SAT: 2270 (1570 out of 1600), 800 on Math SAT, Math Level 2 SAT Subject test, and Physics SAT Subject Test.

Projects

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.
- **HackerRank/CodeForces/ICPC Problems:** Coding competition practice algorithm problems. All of my solutions are posted to Github.

- 9th out of 92 participating individuals at the 2015 Spring VT Bloomberg Codecon Competition (2/20/2015)

- **9th out of 92 participating individuals at the 2015 Spring VT Bloomberg Codecon Competition (2/20/2015)**
- **17th out of 83 participating individuals at the 2014 Fall VT Bloomberg Codecon Competition (9/12/2014)**
- Participated in the hackathon VTHacks 2015, creating a QA website for Virginia Tech courses using PHP and SQL.
- 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 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

- Java, PHP, SQL, AHK, C# (in Unity3d), MatLab, LOGO, C, and some JavaScript

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