

# Richard Casto

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## Summary:

Software engineer with a strong background in web development, as well as, passion for creating responsive, dynamic, and good looking web experiences.

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## Experience:

**Microsoft** - Redmond, WA September 2014 - Present

Software Engineer - Support Experience

- Implement web interfaces and actions for Real-time support scenarios

**Microsoft** - Redmond, WA May 2013 - August 2013

Software Development Engineer in Test (SDET) Intern

- Created a test spec that was reviewed by peers for a new feature in SkyDrive and then developed the UI automation test cases surrounding it to ensure its quality
- Researched Code Coverage and developed a successful local cover build process paving the way for getting a cover build process going in production

**ITT Exelis** - Herndon, VA

May 2012 - August 2012

Software Engineering Intern

- Updated real time weather software camera feed database from ~500 to 13,500 cameras by writing camera provider programs to extract and filter cameras from state DOT websites.
- Developed LAS file reader library to work with current and previous LAS file specifications in C++.
- Developed client/server communication between touchscreen environment and 3D rendering environment in C++ using the Winsock API

**CATT Lab** - College Park, MD

March 2012 - May 2012

Part-time Software Developer

- Developed status bar for 3D Globe software using Win32 API with C++ which displayed latitude, longitude, elevation, and also handled any errors the program encountered

**Math Success** - College Park, MD

August 2011 – Present

Math Success Coach/Elementary Calculus Collaborative Study Group Leader

- Make complex mathematical ideas more approachable for those seeking help
- Lead a collaborative study group for Elementary Calculus (MATH 220)

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## Education:

**Bachelor of Science, Computer Engineering**

University of Maryland - College Park, MD