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Spartanburg, SC 29301

## HARRISON LEDFORD

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### Employment

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<b>Web Developer, Student Worker</b>	<b>Wofford College</b>	<b>January 2016 – Present</b>
<ul style="list-style-type: none"><li>• Create and maintain web applications for Wofford College.</li><li>• Technologies: ASP.NET, Web Forms, VB, SQL, Python, HTML, CSS, JavaScript, jQuery, Powershell, Git, JSON.</li></ul>		
<b>Web Developer, Full-time</b>	<b>Wofford College</b>	<b>Summer 2017</b>
<ul style="list-style-type: none"><li>• Created and maintained web applications for Wofford College.</li><li>• Cleaned up SQL databases and successfully migrated SQL data to a new server</li><li>• Technologies: ASP.NET, Web Forms, VB, SQL, Python, HTML, CSS, JavaScript, jQuery, Powershell, Git, JSON.</li></ul>		
<b>Research Assistant</b>	<b>Wofford College</b>	<b>February – September 2016</b>
<ul style="list-style-type: none"><li>• Courses: Advanced Java III, Software Engineering, Mathematical Foundations of Computer Science I &amp; II.</li><li>• Technologies: Python, Tcl, UNIX, Hping, Snort, Wireshark</li></ul>		
<b>Teaching Assistant</b>	<b>Wofford College</b>	<b>September – December 2015</b>
<ul style="list-style-type: none"><li>• I helped students with strengthening their introductory computer science skills and knowledge while exploring various topics in science in Scientific Investigations Using Computation (COSC 150) at Wofford College.</li></ul>		

### Education

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<b>Spartanburg, SC</b>	<b>Wofford College</b>	<b>Fall 2014 – May 2018</b>
<ul style="list-style-type: none"><li>• Bachelor's Degree in both Computer Science and in Philosophy with Minors in both Mathematics and in Art History, May 2018.</li><li>• Overall GPA: 3.43</li><li>• Computer Science Major GPA: 3.60</li></ul>		

### Technical Experience – Projects and Awards

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- **Personal Website and CMS** (2016). Created a personal website that is hosted via GitHub. What makes it more technically complex is that I have written a Content Management System (CMS) for it in Python. My website showcases more projects I have been done.
- **Publication: Denial of Service Lab for Experiential Cybersecurity Learning in Primarily Undergraduate Institutions** (2016). A publication about the effectiveness of cybersecurity course work that Xenia Mountroudou (College of Charleston), Xiangyang Li (Johns Hopkins) and myself developed.
- **Java Command Line Parsing Utility** (2017). Built a Java library with two other people that could be used to help parse and ensure correct command line input from a program user. It had many features like XML integration and the handling of different types of arguments like flags, positional and named. It used multiple custom made classes, Git, Gradle, Javadoc, unit tests, and acceptance tests.

### Technical Experience – Languages and Technologies

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- HTML5, CSS, JavaScript/jQuery, Bootstrap
- ASP.NET, VB, Web Forms, MVC
- SQL, Git, Powershell
- Python, Java, C, C++
- Sourcetree, Visual Studio, GitHub