

611 Pleasant Point
Spartanburg, SC 29301

HARRISON LEDFORD

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Employment

Web Developer, Student Worker	Wofford College	January 2016 – Present
<ul style="list-style-type: none">• Create and maintain web applications for Wofford College.• Technologies: ASP.NET, Web Forms, VB, SQL, Python, HTML, CSS, JavaScript, jQuery, Powershell, Git, JSON.		
Web Developer, Full-time	Wofford College	Summer 2017
<ul style="list-style-type: none">• Created and maintained web applications for Wofford College.• Cleaned up SQL databases and successfully migrated SQL data to a new server• Technologies: ASP.NET, Web Forms, VB, SQL, Python, HTML, CSS, JavaScript, jQuery, Powershell, Git, JSON.		
Research Assistant	Wofford College	February – September 2016
<ul style="list-style-type: none">• Developed programs dealing with cybersecurity like DDoS and DoS attacks.• Technologies: Python, Tcl, UNIX, Hping, Snort, Wireshark		
Teaching Assistant	Wofford College	September – December 2015
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.		

Education

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

Technical Experience – Projects and Awards

- **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 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 Mountrouidou (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

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