

Nathan Patnam

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GitHub: <https://github.com/Nathan-Patnam>

864-434-7504

EXPERIENCE:

Wofford College, Spartanburg, SC

Student Web Developer

Jan 2017 – Present

- Build, modify and debug 10 webpages and forms in the .NET framework using CSS/HTML, jQuery, JavaScript and Bootstrap
- Develop, document and test code collaboratively with 4-5 other student workers and 3 full-time staff with SourceTree.
- Developing, building and implementing the department's new user administrator access page
- Use Ektron, a Content Management System, to make content updates on various Wofford websites and forms.
- Write and design queries to insert and pull information from various tables in Wofford's database using MySQL.

Wofford College, Spartanburg, SC

Help Center Assistant Technician

May 2016 – Jan 2017

- Set up equipment for Wofford students/employees (1900 people) use and provided a walkthrough on how to use it
- Managed, distributed and installed around 50 Adobe software licenses for Wofford employees
- Read manuals, conducted/documented diagnostic tests and talked to the user to provide the best technical support
- Took inventory of 300-400 pieces of technology in our storage room and frequently tested technology for quality assurance

Wofford College, Spartanburg, SC

General Chemistry I Teacher Assistant

Sept 2016 – Dec 2016

- Prepared materials needed for lab (9 total labs) that week such as standardizing solutions or weighing out solutes
- Answered questions that 18 students had during lab about lab techniques or concepts they learned during lecture
- Grade laboratory handouts and tests that students would complete during lab

Skills:

Programming Languages: **3 months Experience:** HTML/CSS, VB.NET, ASP.NET SQL, JavaScript, Bootstrap, jQuery, C **6 months experience:** C++ **1 Year Experience:** Python

Software: Source Tree, Microsoft Word/Excel/PowerPoint, Slack, Microsoft Visual Studio, Vim, Virtual Box, GitHub, MPI, pthreads, SQL Server Management Studio, .NET framework, Ektron

Laboratory: Mass Spectrometry, Simple Distillation, Titrations, Infrared Spectroscopy, Chromatography, Acid Base Extractions,

Other: Software Installations, Troubleshooting, UNIX/LINUX

EDUCATION:

Wofford College, Spartanburg, SC

September 2015-May 2019

Majors: Chemistry & Computer Science

Minor: Mathematics

Overall GPA: 3.68/4.0

Computer Science Major GPA: 3.92/4.0

Honors/Achievement: Made Wofford Dean's List Fall of 2015/Spring of 2016, designed/built Wofford's mind labyrinth at Glendale

RELEVANT COURSES:

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|------------------------------------|------------------------------------|------------------------------|
| • Calculus I, II and Multivariable | • Introduction to Computer Science | • General Chemistry I and II |
| • Organic Chemistry I | • Data Structures and Algorithms | • Statistics |

LEADERSHIP:

Pi Kappa Phi, Wofford College

Treasurer

Jan 2017 – Present

- Oversee, plan and manage my fraternity's funds and budget of approximately \$20,000 a semester.
- Chairman of the budget planning committee and the Bylaws committee
- Collect semester dues as well as provide payment plans for members of the fraternity and complete the fraternity's tax forms

ACTIVITIES/AWARDS:

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|---|-----------|-------------------------|
| • Association for Computer Machinery | Member | October 2016 – Present |
| • American Chemical Society | Member | October 2016 – Present |
| • Pi Kappa Phi | Member | November 2015 – Present |
| • Palmetto Life Scholarship | Recipient | August 2015 – Present |
| • WoCoders (Wofford's Programming Team) | Member | September 2016- Present |
| ○ ACM 2016 Southeast USA Region Programming Contest (November 2016) | | |
| ▪ The three-man team I was on, Terriers, finished 23/71 overall in the competition and 4/9 in our region. | | |

