

Nathan Patnam

patnamnv@email.wofford.edu

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

864-434-7504

EXPERIENCE:

Optum – UnitedHealth Group

Technology Development Intern

Jun 2017- Aug 2017

- Talked to clients to gather business requirements, created mockups and then developed SharePoint webpages for clients leveraging mainly HTML, CSS, jQuery, SPServices, REST calls and JavaScript.
- Created a SharePoint form leveraging custom JavaScript and jQuery client side validation along with a Nintex Workflow to streamline the process of hiring managers putting in requests for interns and full time associates for the next year.
 - The form is estimated to save at least 350 hours of manager and higher position pay annually (estimated savings at least \$13,000 annually at just the Schaumburg, IL location).
 - Will be piloted at the Schaumburg, IL location Fall 2017 and will spread to other Optum locations based on success.

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.
- Use Ektron, a Content Management System, to make content updates on various Wofford websites and forms.

Wofford College, Spartanburg, SC

Help Center Assistant Technician

April 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
- Took inventory of 300-400 pieces of technology in our storage room and frequently tested technology for quality assurance

Skills:

Proficient with: Python, SQL, front end development (HTML, jQuery, JavaScript, CSS, Bootstrap)

Experienced with: R, VB.NET, ASP.NET, MPI, pthreads, OpenMP, C, C++

Software: Source Tree, Slack, Visual Studio, Virtual Box, GitHub, SQL Server Management Studio, .NET framework, Ektron, FileZilla

Other: Software Installations, Troubleshooting, UNIX/LINUX, SharePoint Web Development

EDUCATION:

Wofford College, Spartanburg, SC

September 2015-May 2019

Majors: Chemistry and 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:

- Calculus I, II and Multivariable
- Organic Chemistry I/II
- High Performance Computing
- Data Structures and Algorithms
- Bioinformatics
- Advanced Web Developing

LEADERSHIP:

Pi Kappa Phi, Wofford College

Treasurer

Jan 2017 – Present

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

ACTIVITIES/AWARDS:

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| • Association for Computer Machinery | 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 | | |