

Lawton Mizell GPA: 3.5

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Education

Computer Science | May 2018 | University of South Carolina, Columbia

Technical Skills

Programming Languages -Python, C++, Java, Javascript, HTML,CSS

Software -Eclipse, Spring Tool Suite, Git, Virtual Box, VMware vSphere, VMware workstation,

Operating Systems -Windows, Linux: Ubuntu, Arch, Kali

Experience

Software Development Intern | CDH University of South Carolina | September 2016- April 2017

- Maintained a website for Digital Humanities using the Python Django web framework.
- Wrote a script to reprocess all 8000+ digitized historical letters and fix spacing issues that occurred during the transfer from xml to plain-text.
- Created an image viewer which allowed users to browse historical images pulled from a database.
- Created a fuzzy search feature for the website which allowed the user to conduct partial word matching or whole word matching on keywords.

Software Engineering Intern | SPAWAR | May 2016– August 2016

- In an Agile Development process provided design and programming support for enhancement of a web based Geographical Information System accessed by the Marine Corp.
- Created a search feature for the application which allowed the user to search by text and/or file type.
- Created a map configuration within the application settings which allowed the user to change map services (e.g. google maps or OpenLayers).
- Applied security enhancements to harden the application from potential adversaries.
- Conducted minor changes and bug fixes.

Security Engineer Intern | SPAWAR | June 2015 – August 2015

- Compiled an accessible and available library of secure programming standards and software quality standards.
- Conducted state-of-the-art assessment techniques for C/C++ code and static analysis tools.
- Conducted and completed multiple software assessments and logged vulnerability findings for software defined radio code.

Academic Achievements and Clubs

USC Deans List | 2014-present

Cyber Security Club | 2014-present

Software Engineering Club | 2016-present