

# Collin Sherman | collinsherman.github.io

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## EDUCATION

**Washington and Lee University**, Lexington, VA

*Expected graduation May 2019*

**Bachelor of Science in Computer Science, minor in Russian Language and Culture**

**Relevant Coursework (oldest-newest):** Fundamentals of Programming (*Python*), Data Structures (*Python*), Computer Organization (*Machine Code, Assembly and C*), Software Development (*Java*), Theory of Computation, Multivariable Calculus, Algorithm Analysis, Database Management (*PostgreSQL*), Linear Algebra, Financial and Actuarial Math, Android App Development, Operating Systems, Neural Networks & Graph Models, Advanced Russian

## SKILLS

Python, Java, PostgreSQL, Assembly, C, HTML 5, CSS, Sass, Git, Windows, Linux; Russian

## EXPERIENCE & RELEVANT COURSE PROJECTS

**Washington and Lee University**, Lexington, VA

*November-December 2017*

**FreeCell/War**, Lead GUI Designer, App Developer, Git Repo Manager

- Working with three other students, we created applications in Eclipse that would play the traditional card games of FreeCell and War, displayed in GUIs that were fully designed from scratch.

**Sherman Digital LLC**, Reston, VA

*May-August 2017*

**Software Engineer Intern**

- Generated static sites with the Hugo framework, creating my own themes designed and programmed to requested specifications using Bootstrap, which I could convert to Zurb Foundation if requested. Learned CSS design as well; able to customize styling of sites.
- Engineered web scraping script in Python, storing results from the scrapes into a JSON file. Automated the creation of Markdown files from the results using JavaScript.
- Able to fully develop, design and deploy a site independently by the end of the internship.
- Examples: [www.vtcompetitivecheerleading.com](http://www.vtcompetitivecheerleading.com), [www.shermandigital.com](http://www.shermandigital.com)

## COLLEGIATE EXTRACURRICULAR ACTIVITIES

**Washington and Lee Football Team**, Running Back

- Lettered all three years, becoming a starter in my junior year, helping to lead our team to a conference championship with the opportunity to become the most winning class in school history (three conference championships).
- Year-round commitment: includes practice every day in season, along with lifts, meetings, and film before or after practices (~25 hours/week). Out of season we form the Iron Works Club, which meets four times a week and includes lifts and conditioning (~10 hours/week).
- Has afforded me the opportunity to be a part of other athletic clubs (Fellowship of Christian Athletes, treasurer of Boxing Club) and be appointed to our Generals' Leadership Academy.

**Maury River Middle School**, Student Mentor

- Visit the local school once a week to help troubled students with homework, studying, or any other tasks they need to complete. Additionally, I organize physical activities for students that complete their work, such as sports or games.

**Washington and Lee Radio (WLUR)**, DJ

## HONORS & AWARDS

Eagle Scout, Washington and Lee Football Captain, ODAC All-Conference Football Team