Collin Sherman | collinsherman.github.io | LinkedIn

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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, Android App Development (*Java)*, Operating Systems, Neural Networks & Graph Models (*Python*), Advanced Russian

SKILLS

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

HONORS & AWARDS

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

EXPERIENCE & RELEVANT COURSE PROJECTS

Bluestone Analytics, Charlottesville, VA   *May 2018-Present*

Cybersecurity and Python Development Intern

- Create advanced data collection programs in Python using Scrapy
- Strong experience with ElasticSearch and AWS
- Build Suricata network sensors for intrusion detection and prevention
- Experience working with/configuring Raspberry Pi devices
- Learned basic cryptography & security practices

Washington and Lee University, Lexington, VA   *November-May 2018*

Asteroidz **Game,** App Developer, Git Repo Manager

- Learned how to develop basic apps in Android Studio using Java
- Working with a partner, we came up with the idea of and created *Asteroidz*
- Touch-based game where you control a spaceship that has to avoid asteroids that come down at varying speeds, along with star objects in the background

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, www.shermandigital.com

COLLEGIATE EXTRACURRICULAR ACTIVITIES

Washington and Lee Football Team, *Running Back*

- Voted captain for senior year

- 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 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 needs to complete. Additionally, I organize physical activities for students that complete their work, such as sports or games.

Washington and Lee Radio (WLUR), *DJ*

Washington and Lee 24 Athletic Club, *Member*