

# DREW GALLIS

## CSEC STUDENT

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## EDUCATION

**Rochester Institute of Technology** Aug. 2016 to May 2020  
BS Computing Security  
Minor Public Policy  
Currently Enrolled (Graduation Year is 2020)

## SUMMARY

Currently I am a Senior Undergraduate Computing Security Student attending Rochester Institute of Technology (RIT). My interests currently include cloud services, data analytics, packet analysis, security auditing, and custom API integrations. I have been involved in numerous clubs in relation to computing security [RC3/Sparsa] and have participated in networking competitions for more exposure [RIT NSIC]. To continue my exposure to new security practices, my brother and I also work on personal projects utilizing our home network as well. My primary goal is to become an expert in the new and rising field of cloud security and to be able to work with multiple different platforms and APIs on a regular basis!

## SKILLS

**PROGRAMMING KNOWLEDGE:** Python, C++, Java, HTML5, VB/VBA, PHP, Objective C, Javascript, React Native, Bash Scripting, MIPS, HTTP /1.1, JavaScript  
**SOFTWARE:** Microsoft Applications (Word, Excel, Powerpoint), Google Applications (Docs, Sheets), Github Usage, Adobe Products (Lightroom, Photoshop, Illustrator), JetBrains Products (IntelliJ, PyCharm, WebStorm, CLion), Slack, Android Studio, Visual Studio (Visual Basic), Autodesk(Inventor & HSM), GNS3 (Network Virtualization Software), Lucidchart (UML & Networking Diagrams), Amazon Boto3 API [AWS], Docker, Selenium, Zedd Attack Proxy (ZAP), Google Cloud Platform, ElasticSearch, Kibana, Grafana, Google Access Manager (GAM), Docker/Docker-Compose, Selenium, D3 (Graphing Module), Git, AWS Security Hub, Azure DevOps  
**OPERATING SYSTEMS:** Mac OS, Debian Linux, Windows Systems, Ubuntu, Kali Linux, Parrot OS, Cent OS, Windows Servers, Cloud Infrastructure  
**OTHER:** Basic Networking, Raspberry Pi Implementations, Notion.os, Web Development/Design, Virtual Machines, Command Line (Windows, Linux, Mac), 3D Cad Design/Modeling, Photography

## EMPLOYMENT

**WILLOWTREE INC.** Charlottesville, VA  
Security Engineering Intern  
May 2019 to Aug. 2019  
Cloud Change-Control Assessment, Custom API Integrations, Automation to improve workflow, Data Normalization, Auditing, Tooling/Vulnerability Review, and Security Awareness.

**WILLOWTREE INC.** Charlottesville, VA  
Security Intern  
May 2018 to Aug. 2018  
Utilized AWS infrastructure/services, cloud systems, and container related services. Also, performed breach analysis and auditing for the company.

**CLIFDEN INCORPORATED (THE PINES TAVERN)** Gibsonia, PA  
Server - (Part Time)  
Nov. 2015 to Dec. 2017  
Worked seasonally for a local tavern/fine dining establishment in a team environment.

**SPRINGFIELD GRILL** Cranberry, PA  
Busser/Host  
Nov. 2015 to Oct. 2015  
Worked during the school year for a local restaurant bussing tables and as a host greeter at the front desk.

## PROJECTS

**GOOGLE SPEECH TO TEXT API** Jan. 2019 to Feb. 2019  
Created a docker implementation that converts .mp3 & .mp4 files to text utilizing Google's voice to text api on GCP

**BRICK APP (IMAGINE RIT 2017)** Mar. 2017 to May 2017  
Worked on designing an app partnered with WIC (Women in Computing) for Imagine RIT. The app was centered around a two team game meant to promote social interaction and healthy competition.

**WIC LASER TAG PROJECT** Feb. 2017 to May 2017  
Partnered with WIC as a Project Member to fully work on and engage in the current Laser Tag project for Imagine RIT.

**SCHEDULE MAKER REDESIGN** Jan. 2017 to Current  
Working on redesigning the current Schedule Maker Project made by CSH with a private group of coders.

**ISTS WHITE TEAM** Dec. 2016 to Mar. 2017  
Worked on basic information gathering and the setup of the ISTS competition that SPARSA hosts every year.

## ACTIVITIES

**RC3 TEAM MEMBER** · <https://rc3.club/> Oct. 2016 to Current  
Member of the RIT Competitive Cybersecurity Club. Attend lectures and participate in events surrounding the club. (Learning Based Club)

**SPARSA TEAM MEMBER** · <https://www.sparsa.org/> Oct. 2016 to Current  
Member of the Security Practices and Research Student Association. Attend lectures and participate in events surrounding the club. (Project Based Club)

**WIC (WOMEN IN COMPUTING)** · Project Member Feb. 2017 to May 2017  
Affiliated with Projects for Imagine RIT

**SCHEDULE MAKER REDESIGN** · Project Member Feb. 2017 to 2019  
Private Group of RIT Students