Leon Lash

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EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
2022 | Expected Graduation Date
- BS: Computer Science
- BA: Studio Art

WORK & LEADERSHIP EXPERIENCE

UNC | Research/IT Assistant
Sept 2019 - Present | Chapel Hill, NC
- Creating websites through wordpress for School of Government(SOG)
- Working with groups in SOG to create mockups and prototypes
- Learning in areas such as Drupal, PHP, and Google Analytics

AUROBINDO PHARMA | Manufacturing and Quality Intern
May 2019 – August 2019 | Research Triangle Park, NC
- Worked at a pharmaceutical startup where I oversaw the quality assurance and receiving of APIs
- Followed strict standard operating procedures in handling and using material, in line with federal regulations and CGMPs
- Aquired understanding of pharmaceutical mockup from receiving to product creation and shipping

FIRST ROBOTICS CLUB | Team Leader & co-Founder
Sept 2016 – 2018 | Durham, NC
- Helped establish First Robotic team for highschool by gathering new members
- Built a robot to compete in FRC competition, worked primarily on building and coding servos
- Did not get in last place for first competition

COMPUTER PROJECTS

PERSONAL WEBSITE | (HTML, CSS, JS)
2019 | Personal Project
Created a personal website that implemented css, html, javascript, and JQuery. Currently updating from more primitive version created last year. Can be found at reonrash.github.io/rex/ .

2D ZOMBIE SHOOTER GAME | (JAVA)
2019 | Made with Friend
Created a shooter game in Eclipse which used Java Swing. Game had implementations of rounds, health bars, and sprite movement based on trigonometric functions such as sin, cos, tangent. Gameplay and layout is similar to box head (online shooter game). Currently in private repository will make public.

ANALYSIS OF TOP 100 SONGS | (R/Python)
2019 | Class Project
Analyzed a list of top 100 spotify songs of 2018. Using properties, such as loudness, acoustic, duration, etc provided by spotify I was able to discern notable characteristics of a top 100 song. Html file linked here: https://drive.google.com/file/d/16V8RGbRujuv7Xnja3RQSQTw4Yq1abLDy/view?usp=sharing download then open html file to properly see file.

COURSEWORK

UNDERGRADUATE
- Foundations of Programming
- Data Structures
- Computer Organization
- Discrete Structures
- Calculus I, II
- Multi-variable Calculus

SKILLS

PROGRAMMING-LANGUAGES
- Java
- HTML/ CSS/ JavaScript
- R
- C

SOFT SKILLS
- Proficient understanding of Microsoft applications
- Proficient in Adobe Creative Suites
- Positive, hardworking, and critical attitude

CLUBS
- UNC CTF Club Member (Capture The Flag: Information Security Club)

AWARDS
- Congressional and Presidential Nomination for Service Academies
- Winner of Durham Public School Scholarship
- Awarded 3-year Army ROTC Scholarship