

Kel Lee

kel.lee1628@gmail.com • <https://github.com/klee16> • <https://www.linkedin.com/in/kel-lee-m-s-csit-93b937191/>

OBJECTIVE: Driven computer scientist specializing in data science, aiming to apply advanced analytical techniques and machine learning algorithms to solve real-world problems, while continuously expanding skills in data manipulation, statistical analysis, and predictive modeling.

EDUCATION:

Winston-Salem State University-Winston-Salem, NC

Graduated: May 2022

Bachelor of Science in Computer Science/ Management Concentration

Cum Laude

GPA: 3.3

Master of Science in Computer Science and Information Technology

Concentration in Data Analytics

GPA 3.7

Graduated: May 2023

RELEVANT COURSES:

- | | | |
|----------------------------------|------------------------------|----------------------------|
| • Big Data Analytics | • Data Mining | • Calculus II |
| • Advance Database Mgmt. Systems | • Advance Operating Systems | • Physics II |
| • Computer Architecture | • Data Visualization | • Discrete Mathematics |
| • Advance Software Engineering | • Computer Networks | • Principles of Management |
| • Systems Design and Development | • Probability and Statistics | • Principles of Marketing |
| • Internet Technology Systems | • Analysis of Algorithms | • Electronic Commerce |

TECHNICAL/NON-TECHNICAL SKILLS:

- | | | |
|-----------------------|--------------------------|----------------------------|
| • Tableau | • Pearl | • Logisim |
| • Anaconda | • Weka | • Sage Math |
| • Java | • Oracle DB | • AWS Quick Sight |
| • Python | • Microsoft SQL / MySQL | • GitHub/GitLab |
| • R | • MIPS Assembly Language | • Adobe Creative Cloud |
| • JavaScript/HTML/PHP | • Eclipse/NetBeans | • Microsoft Power Platform |

EXPERIENCE:

Winston-Salem State University, Winston-Salem, NC Graduate Research Assistance OCT 2022- JUN 2023

- Research Advisor Dr. Debzani Deb - Center for Applied Data Science (CADS)
- Machine Learning, Identification, and Security using Behavioral Bio metrics.
- "Smartphone Authentication Through Behavioral Biometrics"
- National Science Foundation Award # 1900087
- Data Science and Management Research Laboratory - <https://dsamrl.wixsite.com/nsf-eir/team>

National Institute of Standards and Technology, Gaithersburg, MD Student Trainee OCT 2021- SEP 2023

- Support CFS, CAMS, Data Warehouse, parts of Commerce Administration Management System for Department of Commerce
- Lead Development in Applications and Business Automation through Microsoft Power Platform
- Present research and development of new technology to Directors which led to scope of project being expanded.
- Work in GMIS (Grants Management Information System), Oracle, and Microsoft SQL Server

Winston-Salem State University, Winston-Salem, NC Research Assistance AUG 2021- MAY 2022

- Research Advisor Dr. Elva Jones
- 4+1 Program

Wellington Management Fintech Challenge	1st Place Winner	NOV 2021
<ul style="list-style-type: none"> • Task with creating a visual data driven based on “BP’s 2021 Statistical Review of the World Energy Report” presentation to find solutions to combat climate change and advise Industry leaders on ways to replace fossil fuels with clean energy. • AWS Quick Sight 		

Nationwide Hackathon	2nd Place Runner Up	NOV 2021
<ul style="list-style-type: none"> • Front-End developer • Created chatbot using Python Flask and Website with HTML 		

HBCU Battle of the Brains by National Football League (NFL) Austin, Texas		MAR 2022
<ul style="list-style-type: none"> • Tasked with developing a HBCU student and Alumni Portal • Created a website along with the business model including Technical and Business Analysis. 		

Scholarship Day Poster Competition, WSSU	3rd Place	APR 2023
<ul style="list-style-type: none"> • Category of Non-Health Focus • Based on Research of “Smartphone Authentication Through Behavioral Biometrics” • Present the findings to various judges and attendees. 		

ACTIVITIES/AWARDS:

• DMV Metro Rams	Vice President	2018 – 2022
• SGA Senate	Senator	2019 – 2020
• Association for Computing Machinery	Member	2018-Present
• Campus Life and Marketing Committee	Member	2019-2020