Tariq Z. Dwekat

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PROFESSIONAL SUMMARY

Computer Engineer with proven experience in Network Engineering, Data Science & Engineering, and Software Engineering. Experience building tools for data visualization, improving network infrastructure, and developing and improving software working with Fortune 100 companies.

EDUCATION

North Carolina State University, Raleigh, NC   Expected Graduation December 2022
B.S. in Computer Engineering, 3.4 GPA

SKILLS

- Proficiency in Python, C, C++, Java, C#, HTML, CSS, MySQL, MATLAB, Assembly Language, Google Drive, and Microsoft Office
- Academic Experience with object-oriented Design, data structures, and utilizing algorithms
- Familiar with circuitry, programming motherboards, and using Linux operating systems
- Bilingual: Fluent in English and Arabic

WORK EXPERIENCE

Network Engineering Intern, Verizon Business, Tampa, FL   6/2021-8/2021
- Constructed an automated report containing Dark Fiber Consumption Order information that is used by engineers and project managers throughout the Southeast market of Verizon.
- Published automated report to several different visualization tools, including Tableau, used companywide to drive revenue.
- Collaborated with Project managers to hone my communication and interpersonal skills.

Network Engineering Intern, Verizon Wireless, Charlotte, NC   6/2020-8/2020
- Created and maintained three databases using company's capital data on Oracle SQL Developer.
- Imported data from five FTP servers to personal server for data augmentation.
- Generated ten queries that are used to automate due date assignment and capital reallocation opportunities.

PROJECTS AND ACHIEVEMENTS

Undergraduate Researcher, Doran's Lab, NC State University   8/2019-present
- Investigated the data of *Riot Game*'s renowned games *League of Legends* and *Valorant.*
- Employed data science and statistical analysis methods, such as neural networks, to construct models using Python and its data analytical package PANDAS.
- Collaboratively wrote articles for publication explaining the statistical phenomena behind the game.

Introduction to Embedded Systems, NC State University   1/21-5/21
- Used an MSP40 board along with motors and sensors, to create a remote-controlled car that can traverse a path of obstacles using its sensors.
- Wrote and debugged C code to initialize ports, calibrate sensors, and feed instructions to board in order to complete course.

CLUBS & ORGANIZATIONS

Volunteer, Tkiyet Um Ali, Amman, Jordan   Summers 2016-Present
- Delivered food packages to refugees and needy families in and surrounding Jordan.

Event Facilitator, Arab Student Association, NC State University   8/2018-Present
- Organize and coordinate club events on campus to facilitate interaction between the Arab and other communities on campus.