**Humphrey Amoakohene**

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**EDUCATION**

**Wake Forest University** Winston-Salem, NC

*Bachelor of Science in Computer Science May 2021*

*Second major in Mathematics, Minor In Entrepreneurship*

*GPA:* 3.54; Dean’s List: Fall 2021, Spring 2022

*Relevant Coursework:* Introduction to Computer Science, Fundamentals of Computer Science, Data Structures and Algorithms**,** Linear Algebra, Discrete Mathematics

**INDEPENDENT COURSEWORK**

• Udacity: AI Programming with Python Nanodegree

• Udacity: AWS Machine Learning Nanodegree

• edX: Harvard CS50

**COMPUTER SKILLS/PLATFORMS**

• Proficient with Adobe Illustrator, Photoshop; Microsoft Word, Excel, PowerPoint; Google Drive; Social Media (Facebook, Twitter, Instagram, LinkedIn, Slack)

• Experience with implementing Java, Python, HTML, CSS, and JavaScript

• Exposure to coding in Machine Learning Languages

• GitHub account: Github.com/sdh15142

**PROFESSIONAL EXPERIENCE**

**Resident Advisor, Wake Forest University** Winston-Salem, NC

*Resident Advisor Fall 2021*

• Develop a positive living environment for residents, often resolving conflicts

• Implement and enforce all College and Campus Living policies, promoting academic excellence, and addressing student needs

• Create, market, and lead student-centered hall programs to promote social, education, diversity, health, emotional, understanding, and growth

• Collaborate with orientation staff on the first year and transfer student opening week activities • Budget and allocate money used for residence hall and floor events

**Research, Wake Forest University** Winston-Salem, NC

*Research Assistant* *Spring 2022 – Present*

• Lead coder for the Drone Navigation sector of Wake Forest's Intelligent Remote Sensing in Conservation & Discovery Group [(IRSC Lab](https://irsc-wfu.github.io/))

• Applied Training in Python, Pandas, Seaborn, SkLearn, and Machine Learning algorithms to analyze sample datasets of Covid-19 to detect variables that connected a high level of CDC exposure to variables like population and GDP.

**Google Computer Science Summer Institute** Mountain View, CA

*Student**Summer 2021*

• Participated in a 4-week intensive computer science summer program for high-achieving students

• Completed a ​​project-based JavaScript processing curriculum taught by Google engineers

• Configured 5 individual coding projects in JavaScript by using concepts such as variables, data types, and functions

• Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders

**LEADERSHIP EXPERIENCE**

**Chess Club, Wake Forest University** Winston-Salem, NC

*Chair Member Fall 2021 - Present*

• Reserved practice space and organized transportation, partnerships,

• Led multiple tournaments for student

**Black Student Alliance, Wake Forest University** Winston-Salem, NC

*Member**Fall 2021 - Present*

• Collaborated with BSA executive board to propose and implement a variety of on-campus events