Jalen Bethea

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SCHOOL ADDRESS
601 S Martin Luther King Jr Dr
Winston-Salem, NC 27110

PERMANENT ADDRESS
611 Boyette st
Hamlet, NC 28345

CAREER PROFILE

Being a computer science major for 3 years at Winston-Salem State University. I have gained experience working in groups making applications. For example, I was a team-leader working on an application that give user quick test to see if they have symptoms of Covid-19. I had also made a large database using SQL server, and tested web applications, write test scripts, mobile apps, networks, and more for security vulnerabilities.

TECHNICAL/NON-TECHNICAL SKILLS

- **Programming Languages:** C++, Java, Python, HTML, SQL, PHP, JavaScript, CSS
- **Operating System:** Unix/Linux, MS Windows
- **Development Software:** Microsoft Visual Studio, Microsoft Visio, Eclipse, Anaconda, Android Studio APP, Brackets
- **Software:** Access, MySQL
- **Other:** Work effectively and efficiently with student peer groups. Excellent organization, oral, and written communication skills. Outstanding critical thinking, active learning, and decision-making skills. Ability to multi-tasks, and desire to learn necessary skills.

EDUCATION

Winston-Salem State University – Winston-Salem, NC
Bachelor of Science in Computer Science / Minor in Mathematics, May 2021
GPA: 3.2/4.0

PROFESSIONAL EXPERIENCE

NIGMS-RISE Scholar, **March 2019 – August 2020**
Student Lab Assistant

- Contributed to a weekly mentor research program that provided experience in machine learning algorithms and various research methodologies.
- Completed a research project on Introduce Machine Learning using Scratch for my Computer Science degree program.
- Gained experience in machine learning algorithms and various research methodologies.
- Active participate in professional development seminars and activities.
- Presented Research Project in Scholarship day to the faculty.

Winston Salem State University Research Student, **May 2020 – Present**
Research Assistant

- Worked 15 hours a week working in supercomputers (Xsede), we are working in bridges trying to read a Montecarlo file by using Unix commands to access different files in bridges. We are also trying to make video simulations in bridges. Currently, presenting a research poster on Introduction to Quantum Computers at Scholarship day.

ACTIVITIES/AWARDS

- 2017-2020 Dean list
- Association of Computing Machinery
- NIGMS-RISE Scholar