**Objective**

I am a passionate Backend Software Engineer with a strong foundation in building Android Studio applications and full-stack Android development in Java. I have a proven track record of creating efficient algorithms in Python, focusing on optimizing performance and scalability. My goal is to leverage my skills in software development to contribute to innovative projects that solve real-world problems while continuously enhancing my expertise in backend technologies and software architecture.

**Projects**

**Weather App August 2024 - September 2024**

* Developed a weather application using JavaFX for front-end and Java for back-end logic.
* Integrated with a web-based weather API to retrieve real-time data, including temperature, wind speed, and humidity.
* Enabled users to input a valid city name and display corresponding weather data upon search.
* Designed the user interface with SceneBuilder for seamless integration with JavaFX, ensuring a smooth user experience.

**Experience**

**VIP Research** - *Software for Social Good* ***August 2024 - Present***

* We are a collaborative group of VCU students focused on researching various projects. Our primary objective is to research, prototype, and deliver customized, product-oriented data analytics solutions that address the unique needs of our clients.
* Design and develop a professional website for the SSG program, which will serve as its primary public platform upon launch.

**Leadership**

**NSBE** - *National Society of Black Engineers* ***August 2024 - Present***

* School Supply Drives - Provide academic supplies to help college students facing financial hardship.
* PCI Workshop - Collaborate with K-12 students to engage them in hands-on, introductory engineering projects that foster creativity and technical skills.
* PCI Mentorship Program - Mentor high school juniors and seniors, offering guidance to help shape their engineering aspirations and career trajectories.
* Overall - We are committed to increasing the representation of culturally responsible Black engineers who achieve academic excellence, thrive in their professional careers, and positively impact their communities.

**Education**

**Virginia Commonwealth University, College of Engineering** *Richmond, VA*

***B.S****. in* ***Computer Science****, Concentration in* ***Software Engineering Expected: May 2027***

* **Computer Science Mentorship Program *August 2024 - Present***

 **Coursework:** Intro to Data Structures | Computing and Data Ethics | Intro to Problem-Solving | Pre-Calculus Math | Calculus Analytic Geometry 1 | Intro to Discrete Structures | Introduction to Programming | Econ 205

**Skills**

* **Languages:** Java | Python
* **Agile Methodologies:** Agile Development | Scrum | Kanban