MOHAMED KANU

| Annandale VA, 22003 | (703)-314-6737 | Mohamedk11@vt.edu

OBJECTIVE

To continue to learn and gain valuable knowledge with a team of supporting engineers

SKILLS/INTEREST

- Programming: Java, Python, C, Linux, Git, MATLAB
- Libraries and Framework: Git, Eclipse, Docker
- Affiliation: National Society of Black Engineers, African Student Association, National Honors Society

EXPERIENCE

Software Engineer Intern, Intel 05/21 – 08/21

Folsom, CA

- Built and programmed a mainstream Performance Metrics project to measure performance of a confidential application using Python, Git, Linux
- Partnered with industry professionals to evaluate and resolve bugs of confidential application
- Participated in daily stand ups to communicate daily team objectives and goals for the day

Software Developer Intern, Intel 05/22 – 08/22

Hillsboro, OR

- Organized the maintenance and training of new interns into their transition to work force.
- Expanded and matured mainstream project by creating feature to enhance development
- Developed and tested programs used in mainstream project on different environments and ensured 100% pass rate
- Automated testing scripts using python and bash to implement efficient testing

EDUCATION

Virginia Tech – Blacksburg, VA – Computer Science

- Senior pursuing bachelor's degree in computer science (May 2023)
- Relevant Coursework: Data Structures and Algorithms, Introduction to Problem Solving, Software Design, Computer organization, Physics 1-2, Discrete Mathematics, Combinatorics
- Deans List (Fall 2020, Spring 2021)

PERSONAL PROJECTS

- **DEMYSTIFYING PHOTOSHOP (Python):**
  Program that takes in an image and uses simple image manipulation algorithms to transform the images. Uses java classes, 2d arrays, testing and a variety of methods in order to change the given image
- **COVID DEMOGRAPHICS (JAVA)**
  Application that accepted covid demographics in various races and sorted covid statistics based on number of covid cases per race. Interactive graph was displayed that changed on command from race that had most to least cases to alphabetical order.