**Daniel Gekonde - *Computer Science Major***

West Bloomfield, MI | [danielgekonde@gmail.com](mailto:danielgekonde@gmail.com) | [danielgekonde.com](mailto:gekonded@msu.edu) | (248)-836-8123

Aspiring software engineer and cybersecurity enthusiast with a strong foundation in Python, C++, and cybersecurity principles. Experienced in data structures, object-oriented programming, and problem-solving.

**EDUCATION**

**Michigan State University,** E. Lansing, MI Aug 2022- May 2026

*Bachelor of Science, Computer Science*

*Selected Coursework:* Data Structures (Python), Computer Architecture, Machine Learning, Computer Security

**SKILLS**

**Programming Languages:** Python, C/C++, x86 Assembly, SQL, HTML/CSS

**Developer Skills/Tools:** Git, VS Code, PyCharm, Vim

**Technologies**: Windows, MacOS, Linux (Ubuntu), Excel

**PROJECTS**

**Michigan State University**

*CSE 331* – *Hybrid Sorting*

* Implemented a modular hybrid sorting algorithm that dynamically switches between merge sort and insertion sort based on sublist size to optimize performance.

*CSE 320**– Message Decryption*

* Translated variable-length encoded messages into ASCII by manually parsing and packing bits, with buffer-overrun protection using C.

**Personal**

*Portfolio Website*

* Developed a responsive personal website using HTML, CSS, and JavaScript to showcase projects, resume, and contact information.

**EXPERIENCE**

**Elite Parking Solutions,** Farmington Hills, MI Aug 2021 - Present

*Valet Attendant*

* Retrieved and parked cars in various weather conditions and managed traffic at high volume venues and events
* Introduced ticketless valet system to optimize service

**Machinetools.com,** Birmingham, MI Jul 2020 – Dec 2021

*Marketing Team Member*

* Posted sales for heavy duty machinery on social media

**INVOLVEMENTS**

**National Society of Black Engineers** Aug 2022 – Present

* Participated in professional development workshops, networking events, and technical seminars

**Cybersecurity Club** Aug 2023 – Present

* Participated in technical workshops analyzing blockchain fundamentals, cryptographic protocols, and decentralized systems security

**African Student Union** Aug 2022 – Present

* Engaged in cultural, educational, and community events celebrating African heritage and promoting diversity on campus