Malcolm Kahora

Scotch Plains, NJ 07076

📞 732-585-3225 ✉ malcolmkahora@gmail.com in linkedin.com/in/malcolm-kahora ○ github.com/k-kahora

Technical Experience

The College of New Jersey   **September 2021 - Present**
Student Technichian   *Ewing, New Jersey*
- Manage the help desk ticketing system, providing assistance in person to TCNJ staff. Handle the "web-checkout" platform, ensuring tech equipment is delivered and/or returned timely.

Northwestern Mutual   **June 2022 – August 2022**
Software Engineer Intern   *Milwaukee, Wisconsin*
- Implemented an Ansible and GitLab CI/CD script for automating fstab mounting on production servers. This initiative not only streamlined fstab mounting process but served as the starting point for future Gitlab pipelines.
- Actively participated in inter-departmental meet-and-greets, which were instrumental in gaining a comprehensive understanding of the company's tech infrastructure.

Projects

TCNJ Department of Computer Science Research | *C#, Unity, Oculus*   **Febuary 2023-Present**
- Develop a Unity application that transports virtual reality facial data over a client server architecture.

Softbody Simulation | *Rust, Bevy*   **Febuary 2023**
- Participated in the TCNJ Hackathon with a team of two, Used Rust with Bevy game engine to create a 2D softbody simulation resembling the mobile game Jelly Car.

NetAPP Dashboard for Northwestern Mutual | *Python3, Django, Javascript, D3.js*   **May 2022**
- Developed a Django backend to pull data from the NetApp Network Attached Storage (NAS) REST API.
- Implemented a highly interactive frontend using D3.js that fully visualized the petabyte of data stored in the NAS.
- Completed dashboard increased the efficiency of the Storage and Backup team as they could now easily gather volumetric storage data of the company's NAS for their monthly reports.

Wii Tanks Clone | *Java, Android Studio, Libdgx*   **November 2021**
- Created a Java game using the Libgdx framework with custom art, and code.
- Converted Java game to Javascript to run in the browser using GWT

Additional Skills

Languages: Ocaml, Python, JavaScript, C, C#, Rust, HTML/CSS, Java, C/C++, Go
Developer Tools/Operating Systems: NixOS, Emacs, Linux, Nix Flakes, Git/Github, Ansible, Direnv, Neovim
Technologies/Frameworks: D3.js, Django, HTMX, CI/CD, Postgres

General Experience

Woodward Action Sports Camp   **May 2023 - August 2023**
Pro Shop Associate   *Woodward, Pennsylvania*
- Served as the bike, scooter, and skateboard mechanic for 600 weekly overnight campers. Managed the point of sales system, and closed the shop.

Trader Joes   **September 2020 - September 2021**
Crewmate   *Westfield, New Jersey*
- Handled multiple roles such as cashier, cart handler, store closer and shelf stocker, ensured smooth store operations and quality customer experiences; all during the challenging COVID-19 peak.

Education

The College of New Jersey   **September 2020 – Expected Graduation May 2024**
Bachelor of Science in Computer Science   *Ewing, New Jersey*