KELIG NGABO RWAHAMA

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EDUCATION

Oberlin College of Arts & Science   Oberlin, OH
Bachelor of Science in Computer Science; GPA: 3.78/4.00   *May 2027*
- Relevant Coursework: Systems Programming, Programming Abstraction, Data Structures, Discrete Mathematics, Intro to Computer Architecture, Algorithms.

EXPERIENCE

Back-End Developer Intern   Jun 2024 – Aug 2024
Awesomity   *Kigali, RW*
- Developed the Provigator API, a project management tool that streamlined how teams handled client interactions and internal workflows.
- Built and optimized 10+ RESTful web services in Python, improving backend efficiency and reducing API response times by 20%.
- Worked closely with front-end developers in Agile stand-ups, ensuring seamless integration through GitLab and improving cross-team collaboration.

Student Network Assistant   Feb 2025 – Present
Oberlin College – Center for Information Technology   *Oberlin, OH*
- Assisting with the maintenance and troubleshooting of campus network infrastructure, ensuring stable connectivity for students and faculty.
- Supporting the installation and configuration of network hardware, including routers, switches, and access points.
- Collaborating with senior network engineers to gain hands-on experience with enterprise networking and security protocols.

Technology Consultant   Jan 2024 – Present
Oberlin Center of Information Technology   *Oberlin, OH*
- Guiding 20+ users daily through the installation and setup of IT products, ensuring smooth and efficient technology use.
- Offering technical support to students and staff, solving issues with software, hardware, and network connections.

Resident Assistant   Aug 2024 – Present
Oberlin College   *Oberlin, OH*
- Supporting 30+ residents by fostering an inclusive community, addressing personal and academic concerns, and ensuring adherence to housing policies.
- Organizing 10+ events, increasing resident engagement and strengthening community interactions.

PROJECTS

LED Matrix Control | *Python, Raspberry Pi, Hardware Design*   Jan 2024 – Mar 2024
- Developed interactive LED display features using Python and Raspberry Pi for emergency signals and animations.
- Enhanced an open-source picture library and built a reliable hardware setup using soldering techniques.

LEADERSHIP & AWARDS

Club Soccer Captain   Jan 2025 – Present
Oberlin College   *Oberlin, OH*
- Leading team practices, strategy sessions, and managing logistics for 15+ players, resulting in an improvement in match performance.

Committee Member, Technology Coordinator   Sep 2024 – Present
African Students Association (ASA)   *Oberlin, OH*
- Manage and update the ASA's social media platforms, ensuring active engagement and effective communication. Oversee all technology-related aspects of ASA events, including digital marketing, virtual event setups, and technical support.

TECHNICAL SKILLS

Programming Languages: Python, Racket, MySQL, Java, HTML, Rust
Tools: Git, Swagger, VS Code, GitLab
Skills: Problem-Solving, Communication, Adaptability, Teamwork
Hobbies: Soccer (Arsenal FC fan), Basketball, Karate