

<https://www.linkedin.com/in/gideon-wikina/> | <https://github.com/gwikina> | *Work Authorization:* U.S. Citizen

Education

Rochester Institute of Technology (RIT) | Rochester, NY

December 2023 | Honors College | National Society of Black Engineers (NSBE) | Bachelor of Science, Software Engineering | GPA: 3.56 | Concentration: Software Engineering | REU (Research Education Undergraduate) |

Relevant Coursework | Personal Software, Introduction to Software Engineering, Web Engineering, Discrete Mathematics, Software Subsystems, Project Management, Human Centered Computing, Self- Adaptive Software Systems

Skills & Abilities:

- **Programming Languages:** HTML, CSS, C, C++, Javascript, Python, Java, PHP, SQL, Kotlin
- **Frameworks:** React.js, Dust.js, Vue.js, Node.js, Django, Spark, Flask, Laravel
- **Industry Knowledge:** Web Services, DevOps, Distributed Systems, Databases, Reinforcement Learning, Scrum, Kanban, Agile Methodologies, Data Structures and Algorithms, Code Refactoring
- **Tools:** AWS, DynamoDB, MongoDB, Docker, Jenkins, PostgreSQL, MySQL, Git, CI/CD, IntelliJ, Jira

Experience

UI Engineer Intern | LinkedIn | September 2022 - December 2022

- Provided self-serve recovery options to regain access to user account by using Dust.js and Java
- Reduced case volume by 20% by allowing users to recovery account with secondary handle
- Decreased overall cost by over \$153k by reducing the amount of manual cases by 9k and IDV submissions by 12k

Software Engineer Intern | American Express | June 2022 - August 2022

- Abstracted complicated business flows by using React to displaying them as interactive flow diagrams
- Sped up development time by over 50% by implementing an interactive front-end that updates json
- Automated the creation of business diagrams by using Java to convert json files into XML
- Relieved engineering effort by allowing end-users to make updates opposed to json updates by engineers

Software Engineer Co-op | Chick-fil-A | August 2021 - December 2022

- Automated redundant business processes using Python AWS Lambdas
- Mobilized the company for remote work by developing a web application in React.js
- Wrote reverse Geocoding algorithm by leveraging external APIs
- Conceptualized a design in Figma by working intensely with business stakeholders and project managers

Projects

Anthems — Hackathon (<https://gwikina.github.io/Anthems/>)

- Placed best overall for designing a music blog highlights the best new music and upcoming artists in Hip Hop
- Features included a music player using a cloud flare api, polaroid connecting to Spotify pages, and a blog discussing music
- **Utilized:** Dynamic HTML, CSS, Javascript, Cloudflare API, Git, and JQuery

Gridworld — Python/Reinforcement Learning (<https://github.com/gwikina/Gridworld.git>)

- Implemented Grid-world domain that we learned in class using the environmental dynamics to shape learning
- Implemented the value iteration algorithm to find the optimal policy.
- Accessed the data by tracking statistics
- **Utilized:** Python3, NumPy, Reinforcement Learning, Gridworld, Object-oriented programming