

# Emmanuel Ahishakiye

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## EDUCATION

<b>University of Rochester</b> <b>Major:</b> <i>BS, Computer Science and Business</i> <b>Relevant Coursework</b> <ul style="list-style-type: none"><li>Data Structures &amp; Algorithms, Artificial Intelligence, Computation and Formal Systems, Programming in Java, Calculus II and Discrete Math, Financial Accounting, Financial Management, Marketing and Intermediate Economics</li></ul>	<b>Rochester, NY</b> <i>Anticipated May 2027</i>
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## TECHNICAL SKILLS

- Programming Languages:** Python, Java, JavaScript, Dart, C++, C, TypeScript
- Frameworks & Libraries:** React, Node.js, Django
- AI:** Chatbot integration, Model deployment
- Databases & Tools:** MySQL, SQL, Git, AWS

## WORK EXPERIENCE

<b>Cendance Systems Inc.- Remote</b> <i>Salesforce AI Software Engineer Intern</i> <ul style="list-style-type: none"><li>Designed <b>AI/ML</b> applications by integrating <b>APIs</b> using <b>Python, JavaScript and React</b> to enhance decision-making tools and automate data-driven tasks.</li><li>Improved model scalability by 40%, enabling better deployment efficiency for client-focused solutions</li></ul>	<b>Rochester, NY</b> <i>January 2025 – Present</i>
<b>University of Rochester Campus Libraries</b> <i>Student Supervisor</i> <ul style="list-style-type: none"><li>Trained and onboarded <b>new staff members</b>, improving team efficiency by <b>25%</b> through optimized workflows and streamlined clerical processes.</li><li>Supervised daily library operations, resolving of technical issues, ensuring smooth and efficient services.</li><li><b>Key Technologies:</b> Library Management System, internal tools, team management</li></ul>	<b>Rochester, NY</b> <i>April 2024 – Present</i>

<b>Jackal Tech Ltd</b> <i>Founder &amp; CTO</i> <ul style="list-style-type: none"><li>Managed and supported 500+ <b>students and graduates</b>, leading the development of <b>20+ cutting-edge software programs</b>, with a <b>90% project success rate</b> and adoption across diverse industries aimed to impact <b>50,000+ users</b> globally.</li><li>Achieved <b>101.6% staff growth</b> through strategic talent acquisition, recruiting <b>200+ professionals</b>, and positively impacting <b>5,000+ individuals</b> globally in 2024.</li><li>Led AI and Robotics training for educators and students in collaboration with Afribot Robotics Ltd, ZM Robo, and Dassault Systèmes contributing to the <b>World Robot Contest 2024</b>.</li></ul>	<b>Kigali, Rwanda</b> <i>November 2019 – Present</i>
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<b>Headstarter AI</b> <i>Software Engineer Fellow</i> <ul style="list-style-type: none"><li>Developed AI-driven chatbots and user management systems, improving model scalability by <b>30%</b> and deployment reliability by <b>25%</b>, enhancing overall system performance.</li></ul>	<b>San Francisco, CA</b> <i>June 2024 – October 2024</i>
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<b>Piyata Ltd</b> <i>Software Engineer Intern</i> <ul style="list-style-type: none"><li>Built cross-platform web and mobile app with Flutter/Dart, integrating Python backend and Node.js APIs, increasing data handling efficiency by <b>20%</b>.</li><li>Implemented caching techniques, reducing app loading times by <b>15%</b>, improving user experience and retention</li><li><b>Key Technologies:</b> Flutter, Dart, Python, Node.js, REST APIs, AWS, Version Control Systems,</li></ul>	<b>New York, NY</b> <i>May 2024 – August 2024</i>
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## INDEPENDENT PROJECTS

<b>Weather App</b> Software Engineer <ul style="list-style-type: none"><li>Developed a cross-platform weather application providing real-time forecasts and alerts using <b>Python, JavaScript, and React</b>.</li><li>Integrated API-based dynamic weather updates, improving response time by 25%.</li><li>Leveraged <b>Django</b> for backend operations and optimized performance for 1,000+ concurrent users.</li></ul>	<b>New York, NY</b> <i>January 2025- January 2025</i>
<b>Pro Reserve App</b> Software Engineer <ul style="list-style-type: none"><li>Developing <b>Pro Reserve</b>, an AI-driven decentralized platform for reservations in African countries, leveraging <b>ReactJS, JavaScript, CSS, PHP, Python, and Dart</b> to improve booking efficiency by <b>40%</b>, targeting <b>millions of users</b> across events, rides, and hospitality.</li></ul>	<b>New York, NY</b> <i>October 2024- Present</i>
<b>Jackal Tech Web App</b> Software Engineer <ul style="list-style-type: none"><li>Built and deployed Jackal Tech’s official platform using ReactJS, Python, Node.js, MySQL, and AWS, enhancing front-end responsiveness and backend reliability</li><li>Optimized database queries and AWS scalability, reducing page load time by <b>40%</b> and increasing user engagement by <b>30%</b>.</li><li><b>Key Technologies:</b> JavaScript, ReactJS, Python, Node.js, MySQL, AWS, Chatbot integration</li></ul>	<b>New York, NY</b> <i>June 2024- September 2024</i>

## LEADERSHIP ACTIVITIES- University of Rochester

- Developer, UR Game Dev Team: Contributed to innovative game projects.
- NSBE Associate: Engaged in initiatives promoting diversity in engineering.
- Team Leader, Debate Union: Led discussions on policy and British Parliamentary debate formats.
- ColorStack Fellow: Collaborated on programs enhancing inclusion in technology.
- Code2040 Fellow: Focused on projects addressing equity in tech.
- MLT Fellow: Gained leadership and career readiness through intensive training.

## AWARDS

- Handler Premier Scholarship:** Awarded to less than 1% of students for exceptional academic performance and leadership.
- Lefrak Scholar** – Attended summits and visited leading firms like Citadel, Goldman Sachs, and JP Morgan (2024, 2025).
- Global Hackathon Finalist (2022): Top 6 out of 502 teams**, recognized for innovative tech solutions by the International Telecommunication Union.
- Python Certification:** Completed a comprehensive 4-year program at Carnegie Mellon University CS Academy