

# Florentin Niyongere

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## EDUCATION

**St. Cloud State University, St. Cloud, MN:**

**May 2025**

- **Bachelor of Science:** Major in Computer Science
- **Relevant courses:** Data Structures and Algorithms, Design and Analysis of Algorithms, Database Theory and Design, Introduction to Artificial Intelligence, Object Oriented Software Development

## TOOLS & SKILLS

- **Programming:** Python | SQL | Java | C | C++ | JavaScript | HTML | CSS
- **Frameworks:** Airflow | ASP.NET MVC | Tableau | Jupyter | Flask | jQuery | Git | REST APIs | AWS | ReactJS
- **Skills:** Problem solving | Interpersonal Communication | polyglot | Leadership | Agile/scrum | product management | System design

## EXPERIENCE

- **Bloomberg accelerator:** *software engineer apprentice, New York City, NY* **July 2022 - March 2024**
  - Leveraged biweekly mock technical interview and gained valuable insights into Bloomberg's culture, values, and expectations.
  - Participated in a series of webinars organized by Bloomberg covering a wide range of topics related to software engineering, technology trends, and industry insights.
  - Received mentorship, guidance and support in preparing for behavioral aspects of the job search process, including resume writing, cover letter drafting, and networking strategies.
  - Gained practical experience in the software development lifecycle, including design, development, testing, and deployment.
- **Yahoo!**: *Product Manager Intern, Sunnyvale, CA* **June 2021 - August 2021**
  - Primary resource focused on using machine learning to enhance titles and images in ads for the Yahoo Native ads team.
  - Developed product requirements documents (PRDs) and monitored the prediction of a more than 20% lift on key performance indicators (KPIs) with engineering and science teams.
  - Conducted A/B tests with a \$100K budget to achieve a 38% increase in click-through rate.
  - Led meetings with stakeholders and contributed to the success of the Yahoo Native ads team through data-driven decision-making and product management skills.
- **Medtronic:** *Software Engineer Intern, Minneapolis, MN* **May 2020 - August 2020**
  - Designed and implemented an email/passcode authentication service and a responsive dropdown menu that includes a search field and filters data for doctors and patients using Microsoft Azure and Azure SQL Server.
  - Enhanced the functionality of the existing administration portal website using C# ASP.NET MVC, leading to a 30% reduction in user report errors.
  - Utilized Selenium test framework to perform comprehensive testing of updates to the administration portal, resulting in the identification and significant reduction in bugs prior to deployment.

## PROJECTS AND CONTRIBUTIONS

- **Bloomberg Black in Tech, New York City, NY** **May 2022**
  - Invited to participate in a 4-day program at Bloomberg Black in Tech focused on improving interview skills and building portfolio managers using Jupyter notebooks.
  - Actively participated in daily workshops on workplace dynamics and critical lessons for a successful tech career.
  - Invited to participate in a 6-week accelerator program with Bloomberg LP due to my strong programming skills and a willingness to learn and grow in the technology field on final portfolio manager product.
- **JP Morgan Chase & Co Virtual Internship** **January 2022 - February 2022**
  - Created a repository for an interface with a stock price data feed and set up a system for data analysis.
  - Implemented open source code using JP Morgan Chase & Co frameworks and used Perspective data visualization software to display data charts for a trader's dashboard.
  - Received a certificate of completion from Forage after demonstrating solid skills in version control, Javascript, Python, and open-source code implementation.

## LEADERSHIP AND AWARDS

- St. Cloud State University student government Senator **August 2020 - May 2021**
- NSBE Chapter President **January 2021 - May 2022**
- Code2040 Fellowship **August 2019 - August 2020**
- Microsoft Scholarship recipient **April 2019, April 2020**
- Google Hackathon at NSBE 1st Prize Winner **March 2019**