Florentin Niyongere

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EDUCATION

🎓 Saint Cloud State University, St cloud, MN:
- **Major**: Bachelor of Science in Computer Science
- **GPA**: 3.21   **Graduation May 2021**
- **Scholarship**: Microsoft Tuition Scholarship
- **Leadership**: Global Leadership Academy Award
- **Relevant courses**: Networking, OS, Calculus, Object oriented programming, Computer Architecture, Data Structures and Algorithms

EXPERIENCE

💼 **Visualization Lab, Saint Cloud, MN, USA: Intern**   **March 2018- August 2018**
  - ➤ Joined a team of designers to develop the future of Virtual reality using Blender, Maya, Unity and Autodesk with applications ranging from entertainment to education purpose.
  - ➤ Developed a VR Medieval game using Unity, object-oriented programming in C# and python. This game became an attraction for Visitors and prospective students. It resulted into increasing student interest in technology on campus.
  - ➤ Developed an interactive river in Unity that educates on river pollution and its consequences

🐦 **Twitter #EarlyBird, in San Francisco, CA, USA**   **May 2018**
  - ➤ Selected & sponsored to participate in a program at Twitter HQ focused on professional and technical development.
  - ➤ Learnt JSON and Nodejs to develop a new tab feature for twitter profiles.
  - ➤ Collaborated with a team of 6 members for the #*Takeflight* challenge and won the #*BestPresentation* Award.

📓 **College research Advisor, in Bujumbura, BDI, AFRICA**   **May 2015-August 2017**
  - ➤ Mentored High school students/High school graduates with their future education and summer opportunities.
  - ➤ participated in a program that gather African students who study abroad to help current high school students get scholarships and fellowships.
  - ➤ 30 students from the program were admitted to US colleges and 90% of them received partial or full scholarships.

SKILLS AND INTERESTS

- **Programming languages**: C++ (Proficient), JavaScript (Proficient), Python (Medium), C# (Medium), Java (proficient), Solidity (Beginner).
- **Web & Database & graphic designing**: HTML, CSS, Bootstrap, MongoDB, JSON, Blender, Unity.
- **Interests**: Education, Engineering, Blockchain Technology, VR/AR, AI, Music, Basketball
- **Word processing**: Microsoft office (Word, Excel, Publisher, PowerPoint, OneNote), Microsoft Visual studio.
- **Languages**: Fully proficient in English, French, Kirundi and Kinyarwanda.

TECHNICAL PROJECTS AND COMPETITION

G **Google NSBE 45TH Hackathon Winner, in Detroit, Michigan, USA**   **March 2019**
  - ➤ Selected for the NSBE hackathon sponsored by Google, JP Morgan Chase & Co, Two Sigma, Goldman Sachs and American Express.
  - ➤ Collaborated with 6 other students and worked actively for 16 hours straight over night on the front-end portion our project using html, css, bootstrap and js. Connected the Back end to the front end through converting the front end to embedded js. Help build a Stripe like API to implement payment options on our web application.
  - ➤ Won the 1st prize after Presenting our project Revonate which is a revolutionary system that tackles donations. The impact of this project is Psychological for the donor, helps raise funds and allow the data collected to be used by financial firms to make suitable Investments.

🌐 **Crypto Credentials (Startup), in Saint Cloud, MN, USA**   **January 2018- August 2018**
  - ➤ Associated with fellow students to design a platform that makes job search and interviews decentralized using blockchain technology.
  - ➤ responsible of the Back-end Education service breaking down information from the job seekers using TypeScript (JavaScript). Launched our product at https://www.eqhire.io/. Used MongoDB to store user's information and to allow new users to enter safely their information
  - ➤ resulted in attracting venture capitalist for a 3 months trial to make it available for Local Companies in Minnesota.

🏆 **MICS (Midwest Instruction and Computing Symposium), in Minneapolis, Minnesota, USA**   **March 2018**
  - ➤ Sponsored to represent my school at a state level programming competition in Minneapolis.
  - ➤ Brainstormed an used my programming, math, statistics and probability skills to solve technical questions
  - ➤ Finished 6/8 questions in 628 minutes and won the 2nd place

LEADERSHIP & ACTIVITIES

- Global Leadership Academy   **October 2018**
- NSBE region IV Corporate Relations Chair   **March 2019**
- United way central Minnesota member   **September 2017**
- STEM Saint Cloud State University   **August 2017**

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