

Florentin Niyongere

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EDUCATION

Saint Cloud State University, St cloud, MN:

- **Major:** Bachelor of Science in Computer Science
- **GPA:** 3.21
- **Scholarship:** Saint Cloud State University International Student Scholarship
- **Leadership:** Global Leadership Academy Award
- **Relevant courses:** Networking, OS, Calculus, Computer science 1, Computer Architecture, Data Structures and Algorithms

Graduation May 2021

EXPERIENCE

- **Visualization Lab, Saint Cloud, MN, USA** **March 2018- August 2018**
 - Joined a team of designers to develop the future of Virtual reality using Blender, Maya, Unity, Autodesk with applications ranging from entertainment to education purpose.
 - Developing a medieval game in VR using Unity, object-oriented programming and data structure in C# and python.
 - 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.
 - Lead 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.
 - Developing a website that would allow fellow East Africans to mentor, guide and help with opportunities

SKILLS AND INTERESTS

- **Programming languages:** C++ (Proficient), JavaScript (Proficient), Python (Medium), C#(Medium), ExpressJS(Medium), 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).
- **Languages:** Fully proficient in English, French, Kirundi and Kinyarwanda.

TECHNICAL PROJECTS AND COMPETITION

- **Google NSBE 45TH Hackathon Winner, in Detroit, Michigan, USA** **March 2019**
 - Selected for the NSBE hackathon sponsored by Google, JP Morgan, 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.
 - Won the 1st prize after Presenting our project Revonate which is a revolutionary system for donations
- **Crypto Credentials (Startup), in Saint Cloud, MN, USA** **January 2018- August 2018**
 - Developing a decentralized system that would ease and certify authenticity for job applications on both applicant side and employee side for all the industries with a particular interaction during all the stages and types of interviews using AI and Twilio systems (Blockchain, AI, Twilio)
 - 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
- **MICS (Midwest Instruction and Computing Symposium), in Minneapolis, Minnesota, USA** **March 2018**
 - Sponsored to represent the school at a state level programming competition in the Twin cities
 - enhanced the Saint Cloud team with my programming (C++) and designing skills for a robot designed by the mechanical engineering team and helped through presentations of projects
- **BMP (Burundian Mega Programming), in Bujumbura, Burundi** **2012-2016**
 - co-founder of the club for Computer technology and developed the club's website
 - Creating a professional social platform to empower the Youth in Technology fields

LEADERSHIP & ACTIVITIES

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