Florentin Niyongere

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EDUCATION

Saint Cloud State University, St cloud, MN:
- **Major:** Bachelor of Science in Computer Science
- **Minor:** Physics   Graduation May 2021
- **Scholarship:** Academic and Cultural Sharing Scholar
- **Relevant courses:** Networking, Operating System, Calculus, Computer science 1, Computer Architecture

EXPERIENCE

- **Intern at Visualization Lab**, Saint Cloud, Minnesota, USA   March 2017- Now
  - ➤ 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.
- **Twitter #EarlyBird, in San Francisco, CA**   May 2017
  - ➤ 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 (**Leadership**)   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.

Skills set and Interests

- *Programming languages*:
- *Web & graphic designing*: *HTML, CSS, Bootstrap, 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

- **Crypto Credentials (Startup)**, in Saint Cloud, Minnesota, USA   January 2018- now
  - ➤ Collaborated with the business department of the startup to know what the HR departments face as problems while hiring employees in order to solve them.
  - ➤ 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)
  - ➤ Joined the Back-end development team where I am responsible of the Education service breaking down information from the job seekers using TypeScript. The next stage of the Education portion as well as other portions will be to implement smart contract for the security of the information given.
- **Ride Together App**, in USA   February 2018- now
  - ➤ Ride Together is an app that allows friends and people to share their rides and trips to events, concerts, and other places through decentralized agreements
  - ➤ Currently, working on the Architecture of the sharing ride system which will allow our team to develop different part of the app using **Python, JavaScript and AI**
- **Huskies Showcase,** in Saint Cloud, Minnesota, USA   April 11, 2018
  - ➤ Presented our **Crypto Credential** project startup
  - ➤ Won creative and critical thinking award
- **MICS (Midwest Instruction and Computing Symposium),** in Minneapolis, Minnesota,   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
  - ➤ Head of the Designing department with projects ranging from web designing to 3D designing

LEADERSHIP & ACTIVITIES

- NSBE region IV member   September 2017
- United way central Minnesota member   September 2017
- Mathematic Club Saint Cloud State University   August 2017
- SCSU Computer Science Club (Association for Computing Machinery)   December 2017

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