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: Saint Cloud State University International Student Scholarship
- Relevant courses: Networking, Operating System, Calculus, Computer science 1, Computer Architecture, Data Structures and Algorithms

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*: C++(Proficient), JavaScript(Proficient), Python(Medium), C#(Medium), ExpressJS(Meduim), Solidity(Beginner).
- *Web & Database & graphic designing*: HTML, CSS, Bootstrap, 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

- 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. Launched our product at https://www.eqhire.io/.
- 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, 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
  - 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