# DEUS ALLELUIA NSENGA

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## Education

**PRINCETON UNIVERSITY**                                    Princeton, New Jersey
A.B. Candidate in Computer Science                              Expected June 2022
Relevant Coursework: COS 126 (Computer Science: An Interdisciplinary Approach), COS 217 (Introduction to Programming Systems), COS 226 (Algorithms and Data Structures), COS 326 (Functional Programming), COS 333 (Advanced Programming Techniques), COS 340 (Reasoning About Computation), COS 324 (Introduction to Machine Learning).

**BRIDGE2RWANDA SCHOLARS**                                    Kigali, Rwanda
                                                                June 2018

- Selected as one of 30 Scholars (from 1,800applicants) for a highly competitive gap year program that helps young promising Rwandan students attend international colleges
- Ranked as best performer in Kigali on the Korea International Cooperation Agency (KOICA)Mathematics exam.

## Experience

**WEILL CORNELL MEDICINE: ENGLANDER INSTITUTE FOR PRECISION MEDICINE**    York, New York
Software Development Intern                                    July – August 2019
- Worked with the High Throughput Drug Screening Platform (HTDS); developed C# scripts to customize the fully automated screening platform.

**COMZAFRICA**                                                Kigali, Rwanda
Research and Development Intern                                May – July 2019
- Developed the REST Application Programming Interface (API) for Rwanda Energy Group's SUPRIMA backend system

**BKTECHOUSE**                                                Kigali, Rwanda
Software Development Intern                                    April – June 2018
- Interned and participated in the design of the URUBUTO software solution by BK Techouse.

**SOLAR SPELL**                                               Kigali, Rwanda
Research Intern                                                January 2018
- Participated in a workshop of developing the content of the Solar SPELL Library specifically in Mathematics.

## EXTRACURRICULAR EXPERIENCE

**New Flying Music Band (Viazik Band),** *Member & Singer & Composer & guitar and piano player*
                                                                Kigali, Rwanda

- Wrote, sang, and published songs about family conflicts and organized 2 fundraising concerts to support street and disabled kids.

**Business Today Technology team**, *Current Member Princeton*                New Jersey

- Work on web analytics and Search Engine Optimization for the Technology team.

## SKILLS & TRAINING

- **Computer Skills:** Java, Python, C, C#, C++, SQLite, JavaScript, PHP, Flask, and HTML5,
- **Languages:** Kinyarwanda, French, and English.
- **Information literate:** Completed a week-long workshop organized by Solar SPELL and Arizona State University Library about