Sammy Nyakabau

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EDUCATION

ASHOKA UNIVERSITY
BSc. in Computer Science (Hons.)
May 2022 (Exp.) | Sonipat, India
Cum. GPA: 3.59 / 4.0
Major GPA: 3.5 / 4.0
Honors: Dean's List 2020 (Spring)

FREECODECAMP
Full Stack Web Dev
Certification
Graduated 2020 | Online

ST FAITHS HIGH SCHOOL
Grad. Nov 2018| Rusape, Zimbabwe

LINKS

Github:// **Sammy-Nyakabau**
LinkedIn:// **sammy-nyakabau**
Hackerrank:// **nyakabausammy8**
Glitch:// **@Sammy-Nyakabau**
CodePen:// **sammy-nyakabau**

COURSEWORK

UNDERGRADUATE
Introduction To Computer Programming
Advanced Programming
Computer Organization and Systems
Discrete Mathematics
Probability and Statistics

MOOCS
Responsive Web Design
JavaScript Algorithms and Data
Structures
Frontend Libraries
APIs and Microservices

SKILLS

TECHNICAL SKILLS
Proficient with:
JavaScript (ES6) • React/Redux • Node.js
Python 3 • HTML5 • CSS3 • JQuery
C++ • VB.Net • LaTeX • Git • MongoDB
Familiar:
Java • C • React Native • MySQL

SOFT SKILLS
Strong:
Public Speaking • Leadership • Tutoring
Resourcefulness • Initiative
Hardworking • Storytelling

EXPERIENCE

GALILEO | Stem Tutor
Sept 2019 - Present | San Fransisco, CA
Currently working full-time as an online Stem Tutor for Galileo which is a
self-directed online institution. My job description includes but is not limited to;
- Administering weekly online classes to teach **Computer Programming** in **Python** and **JavaScript** and also helping students understand difficult **Math** concepts through the use of various online platforms
- Communicating with parents/guardians about trouble areas or any other issue that requires attention
- Assessing student progress and making decisions on efficient ways to create a better learning environment
- Suggesting program or curriculum improvements to school administrators
- Maintaining required records for all completed classes

COLLEGE BLOOM | Web Developer
Nov 2019 - Present | Pescara, PE, Italy
Currently working part-time as a remote Web Developer for College Bloom which is
an educational consulting practice. My job description includes but is not limited to;
- Developing Website using a Squarespace (Website Builder) template
- Adding custom **HTML**, **CSS** and **Markdown** to improve the site's aesthetics
- Injecting custom **JavaScript** code to add functionality such as online chat, customizing forms and adding custom validation, etc
- Improving the overall site's SEO by connecting it to **Google Analytics**, customizing url slugs, structuring website content, using content links to connect pages on the site to each other and adding relevant page descriptions
- Resolving UI Bugs and maintaining typography

PROJECTS

AKS PRIMALITY TESTING | Github
March 2020 – April 2020 | Sonipat, India
Implemented the AKS Primality Testing which is a deterministic primality-proving
algorithm created and published by Manindra Agrawal, Neeraj Kayal, and Nitin
Saxena.
- Worked under **Prof Goutam Paul** (ISI, Kolkata) to complete this project as part of my Discrete Mathematics course
- Wrote the initial implementation of the algorithm using **Python 3**
- Since Python can cannot be run in the browser, made use of **Brython**, **HTML**, **CSS** and **Bootstrap** to develop the user-interface

SPOTIFY CLONE | Github
August 2020 – September 2020 | Sonipat, India
Built a fully functional Spotify clone using **ReactJS**
- Utilized the **Spotify API** to integrate authorization and authentication to the Web APP together with some core features of Spotify
- Leveraged the **Context API** built within React to handle state between components on the Web APP
- Made use of **Material UI** to style the App Components and to make it look like the real Spotify Web App