Hassan Kassim Elias

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GitHub: https://github.com/Hassankassim

BASIC INFORMATION

Date of Birth   : **24th Sept, 2000**

Gender   : **MALE**

Marital Status   : **SINGLE**

Health Status   : **EXCELLENT**

Nationality   : **TANZANIAN**

SUMMARY

I'm someone who loves technology and has spent years learning about computer programming, designing systems, and understanding data. I enjoy helping students learn more about tech. I try to create new and smart solutions to solve problems and make the world better. I'm good at working with teams, leading them, and finding answers to tricky problems. I love learning new things, tackling tough tasks, and talking with others. I'm excited about creating new programs using the latest technology to make things different and better.

EDUCATION BACKGROUND

- **UNIVERSITY OF DAR ES SALAAM**   [Nov, 2021 – July, 2024]
  Award: Bachelor of Science in Electronic Science and Communication.

- **HAI SECONDARY SCHOOL**   [July, 2018 – May, 2021]
  Award: Advanced Certificate of Secondary School Education
  Combination: P-C-M (Physics, Chemistry, Mathematics)

- **MGUTWA SECONDARY SCHOOL**   [Jan, 2014 – Nov, 2018]
  Award: Certificate of Secondary School Education
  Best Student in Chemistry, Best Leadership Student [As School President 2017/2018].

PROFESSIONAL EXPERIENCE

Chairperson – 3D solution and robotic lab | University of Dar es Salaam

[2021-Present]

- Ensuring that the Lab executes effectively its objectives, vision, and mission, and that the society achieves the agreed strategic plans
- Coordinate and ensure proper functioning off all organs of 3D solution and robotics Lab
- Represent 3D at its figurehead
- Communicate with local and international stakeholders and collaborating partners
- Develop creative and innovative ways to promote sustainable growth of 3D lab

3D and Electronics Students Instructor and Practitioner | University of Dar es Salaam

[2023]

- Equipping and Teaching Students on the fundamental understanding of 3D modeling, and Design Platform,
- Guiding Students with hands-on practices to design, build, and implement prototypes,
- Providing mentorship to Students on 3D career path,
- Helping students to understand the future trends of 3D modelling.

Front-end Developer, Practical Trainee | Udict_Udsm, Tanzania [2022]

- Software design using HTML,CSS and JAVASCRIPT
- Developing front-end services, integrating and consuming APIs
- Performing other duties as assigned by the supervisor

3D design and Modelling, Practical Trainee | Tika_Tanzania [2021]

- 3D Design and Modelling: Acquired proficiency in 3D modelling techniques using software like Blender or Autodesk Maya.
- Texturing and Rendering: Gained knowledge in applying textures, materials, and rendering to enhance 3D models' visual appeal.
- Animation Basics: Learned fundamental principles of animation, including keyframes, timelines, and basic motion effects.

SELECTED PROJECTS

- NetNexa Project: Developed dynamic client management web app utilizing React.js Gas Pipe
- Dubu Project: Contact Management WebApp that contribute much to students share vcard files.
- Eclimate Project: Contributed to an environmental climatic monitoring.

CERTIFICATES AND AWARDS

- Certificate of Appreciation leadership skill
- Certificate of Best Project for collage competition Innovation in COICT [2023]
- Certificate of Outstanding Performance in Chemistry during Secondary School Education
- Certificate of Appreciation as a Best Academic Student during Secondary School Education

TRAININGS AND ACHIEVEMENTS

- Web Development Using HTML,CSS and Javascript. [March, 2022]
- 3D modelling and Designing by Tika . [March, 2022]
- Back-end Development with NodeJS and Express. [September, 2023]

PROFESSIONAL SKILLS

- Front-end development using ReactJS
- Fundamentals of Java Object Oriented Programming
- Scientific Research and Methodologies
- Photoshop and Illustration works

INTER-PERSONAL SKILLS

- Strong Communication skills
- Project Management (Time, Cost, and Scope)
- Strong Leadership skills
- Team working and Strong Collaborative skills
- Critical thinking and Good Analytical skills

- Flexibility and Adaptability

EXTRA-CURRICULAR ACTIVITIES

- Chairman Of 3D Solution and Robotics Studio UDSM
- Community Core Lead (Udict,Startup-101,GDSC).
- JavaScript Practitioner
- System Design and Analysis
- Photoshop & Illustration design

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS AND PROGRAMS

S/N	Organization/Program	Position	Membership Type
1	Google Developer Core Lead	Design Lead	Student
2	UDICT Core Lead Member	Core Member	Student Membership
3	Starup101	Member	Student Membership
4	University of Dar es Salaam ICT Students' Society	Member	Student
5	3D solution and robotics Lab UDSM	Chairman	Student
6	FinHub	Member	Student

LANGUAGES

English (UK): Conversant   Swahili: Fluent/Native

HOBBIES AND INTERESTS

- Designing and painting
- Swimming
- Physical body exercises

REFEREES

Dr Baraka Maiseli (Professor)

Head of Department – Electronics and Telecommunications Engineering

Professor – University of Dar es Salaam, College of ICT

Phone: +255 762 251 260   **Email**: barakamaiseli@yahoo.com

Mr. Shabani Kamulika

Full-Stack Software Developer

University Of Dar es salaam, Tanzania

Phone: +255 784030683   **Email**: vonshirco.vs@gmail.com