



# ISAIAH NTINA

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## Mission Statement

Results-driven Computer Science student experienced in practical application of Machine Learning and web development. Successfully built a Convolutional Neural Network using TensorFlow for Malaria Diagnosis and a Neural Network for Car Price Prediction. Proficient in utilizing libraries such as TensorFlow, NumPy, and matplotlib for model development. Additionally, developed web applications using Express.js and hosted them on platforms like Vercel and Render. Seeking a challenging role to leverage my skills and contribute to innovative projects. Ready to make an immediate impact in a dynamic and fast-paced environment.



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[GITHUB](#)

## Education

### **University of Dundee, Scotland (2021-2024)**

- BSc Computing, Class of 2024
  - International Student Ambassador (Feb/2021-Nov/2022)
    - Represented the University to prospective International Students
    - Assisted with on-campus events and orientation programs.
  - Computer Science Open Day representative (2022 and 2023)
    - Delivered a presentation on computer science programs and opportunities in the University to prospective students and parents.
    - Facilitated interactive sessions, guiding prospective students through engaging python challenges to provide first-hand experience of the course's essence.
  - Dundee University Hackathon Participant (Feb/2023)
    - Engaged in a team-based hackathon, collaborating on



development of an ATM game using C# and Unity within a time-constrained environment.

Relevant coursework:

**Agile, Data Structures, Algorithms, Artificial Intelligence, Game Development, System Design, Computer Architecture, Operating Systems, Computer Networks, Databases, Information Security.**

#### **Uongozi Centre, Kenya (2019-2020)**

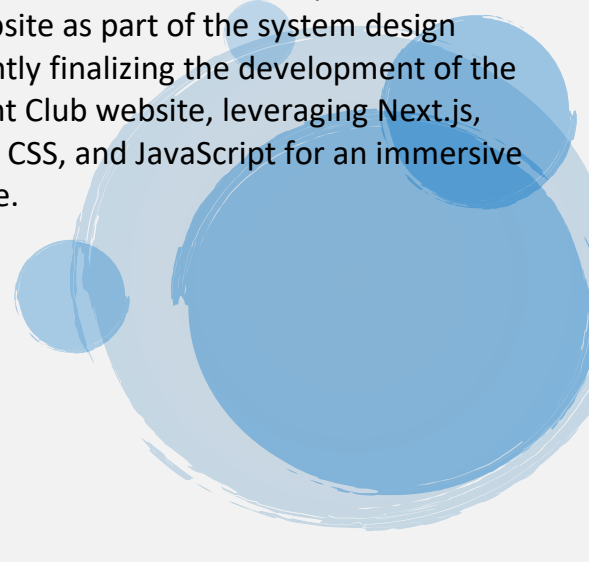
Modules:

- Career Ignite Coaching
- Leadership
- Fire Evacuation Training
- Community service

#### **Mpesa Foundation Academy High school, Kenya (2015-2019)**

- Class of 2019, Graduated with a C+
  - Safaricom foundation Medical Assistant (community service)  
Jul/2016
  - Bronze President's Award Scheme  
Feb/2016-Nov/2016
  - Silver President's Award Scheme  
Jan/2017-May/2017
  - Gold President's Award Scheme  
Sep/2018-Sep/2019

#### **SKILLS**

- Programming Languages: Proficient in C++, C#, C, Python, PHP, Dart, and intermediate level in JavaScript, Node.js, and Flask.
  - **Web Development:** Extensive experience in developing web projects using Node.js, JavaScript, and PHP and SQL and MongoDB databases. Developed an e-commerce website as part of the system design module. Currently finalizing the development of the Afro Beats Night Club website, leveraging Next.js, React, Tailwind CSS, and JavaScript for an immersive user experience.
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- **Agile Development:** Demonstrated expertise in client communication and feedback implementation during the class project "The Little Green Larder." Applied agile development practices as a back-end developer using Node.js, and JavaScript for real-world website development.
- **Soft Skills:** Demonstrated strong communication, teamwork, speed, attention to detail, and an agile mindset through my part-time warehouse job. Adapted to changing roles and quickly acquired new skills and knowledge to ensure the team keeps up with daily production goals.
- **Detail-oriented** with a strong emphasis on accuracy and attention to detail.
- Strong problem-solving and critical thinking abilities, adept at analyzing complex issues, identifying effective solutions, and implementing them efficiently.

### Current Projects

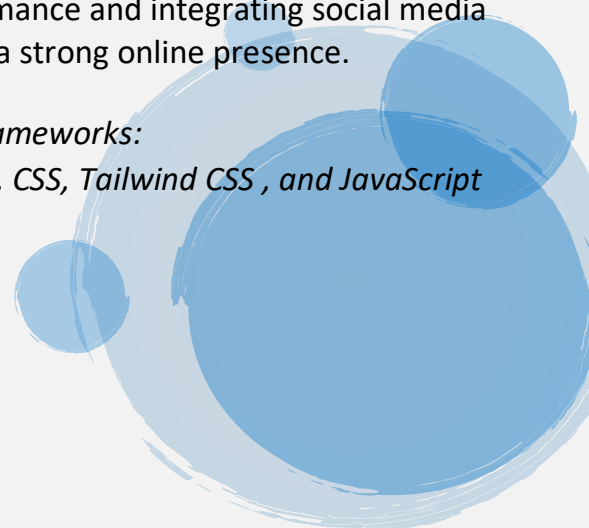
In addition to my academic pursuits in computer science, I actively engage in personal projects to continuously enhance my skills and stay abreast of the latest technologies in the market. Some of the projects I have and am currently working on include:

#### **1. Afro Beats Night Club:**

- Link: [<https://afrobeatsdundee.vercel.app/>]
- Finalizing the development of a vibrant online platform for Afro Beats Night Club, showcasing the club's music and culture.
- Leveraging Next.js, React, Tailwind CSS, and JavaScript to create immersive visuals, seamless navigation, and dynamic content.
- Optimizing performance and integrating social media functionalities for a strong online presence.

#### *Languages and Frameworks:*

- *Node.js, React, CSS, Tailwind CSS, and JavaScript*





## 2. HOWTO-TECH:

- Link: [<https://www.howto-tech.info/>]
- Collaborating on an online platform that provides tech articles to support developers, especially newcomers to the tech industry.
- Using *Node.js*, *CSS*, *Bootstrap*, and *JavaScript* to share valuable resources and help developers build their knowledge.

*Languages and Frameworks:*

- *Node.js, CSS, Bootstrap, and JavaScript*

## 3. Job Listings:

- Link: [<https://govtkejoblistings.onrender.com/>]
- An online platform that utilizes web scraping techniques to gather job listings from government websites and present them in a user-friendly format.
- Leveraging *Python* for web scraping, *CSS*, and *HTML* for frontend design, and *Node.js* and *JavaScript* for backend development.

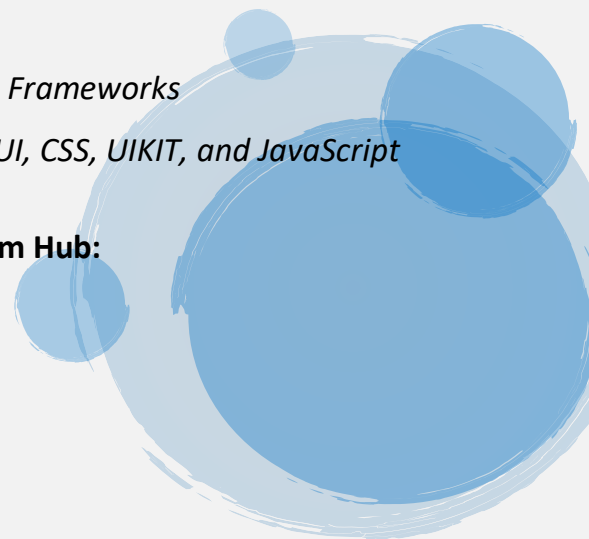
## 4. The Little Green Larder:

- Link: [<https://the-little-green-larder.onrender.com>]
- Class project focused on implementing agile methodologies.
- Developed the site as a back-end developer using *Node.js* and *JavaScript*.
- Leveraged *Azure SQL* databases to ensure efficient functionality.

*Languages and Frameworks*

- *Node.js, Daisy UI, CSS, UIKIT, and JavaScript*

## 5. The Dorm Hub:





- Link: [<https://thehub-homes-vojh.onrender.com>]
- An Online platform integrating Zoopla and Google Places API to provide diverse housing options in the UK.
- Developed using Node.js, Bootstrap, and JavaScript to cater to the housing industry's diverse needs.

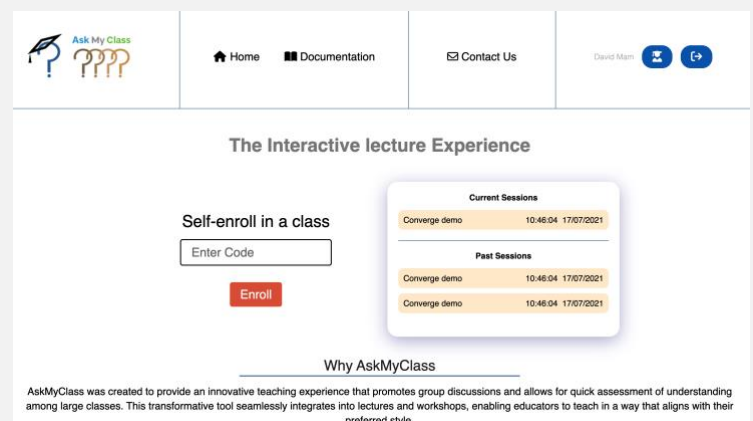
### *Languages and Frameworks*

- *Node.js, Bootstrap, and JavaScript*

## **6. Ask My Class:**

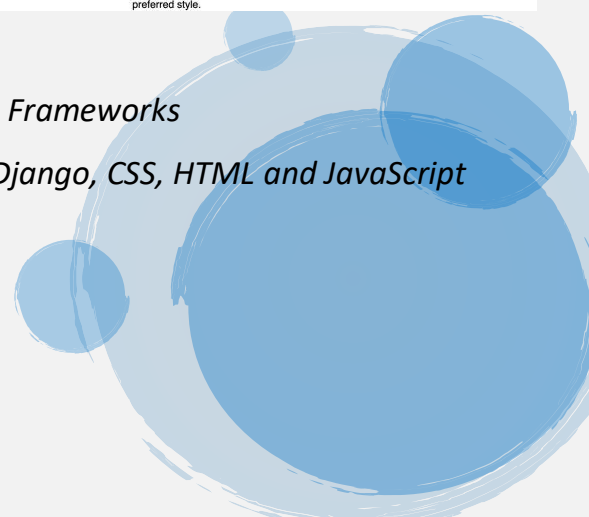
- Link to current site design: [<https://askmyclass.dundee.ac.uk/>]
- Collaborating with a professor to enhance teacher-student interaction through a website.
- Redesigning the user interface for a seamless user experience.
- Utilizing Django, CSS, HTML, and JavaScript for development.

### *A sneak Peak of the site after my redesign*



### *Languages and Frameworks*

- *Flask, Python, Django, CSS, HTML and JavaScript*





### Additional Information

Throughout my career, I have consistently demonstrated a strong work ethic and unwavering commitment to achieving project goals. I am dedicated to putting in the necessary effort and time to deliver high-quality results, often going the extra mile and working diligently, including extended hours, to ensure project completion within tight deadlines. This commitment has enabled me to complete multiple projects within compressed timeframes while maintaining a meticulous focus on accuracy and attention to detail.

### Hobbies

- Comedy
- Basketball

