# ELABONGA YVONNE ATUO

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Nairobi, Kenya

## KEY SKILLS AND COMPETENCIES

**Programming :** R Programming Language | Python | MySQL | Git |Javascript | CSS |HTML|Bootstrap |ReactJS

**Technologies:** AWS(EC2 & EBS) | Tableau | IDEs (RStudio , VSCode) | Airtable | Slack | Mailchimp

**Technical:** Data Analysis | Data Visualization | Data Science & ML | Data & Database Management | Innovation Management | Web Scraping | Computer proficiency in MS Office

**Professional:** Operations Management | Stakeholder Engagement | Business Development | Sales & Marketing | Social Media Management | Customer Service | Customer Relationship Management | Report Writing & Presentation | Team Management & Leadership | Excellent Communication & Interpersonal Skills | Research |Business Pitching

## PORTFOLIO

**Nukato Perfume Recommendation System**

Developed a web application that allows users to get perfume recommendations based on their preferences. Used Scrapy to gather data, built the recommendation engine using Python, and linked to frontend using FASTAPI

**Virtual Perfume Assistant Using OpenAI API**

Built a witty virtual conversational assistant to aid in perfume recommendations. Used Open-AI API and Pinecone Vector Database

**Movie Sentiment Analysis**

Conducted sentiment analysis on The Book Thief Movie using logistic regression. Gathered data using BeautifulSoup and Requests library and used Scikit-Learn for the model

## OPEN SOURCE CONTRIBUTION

Implemented some functions in Ivy-AI

Improved HuggingFace transformers documentation

Contributed to parameter validation for SciKit-Learn

## EDUCATION

**2021:** Bachelor of Science in Electrical & Electronics Engineering, Jomo Kenyatta University of Agriculture and Technology

Grade: Second Class Honours  - Upper Division

**2014:** Kenya Certificate of Secondary Education, Alliance Girls' High School

Grade: A

**Additional Training:**

- Google Data Analytics, Coursera (2022)
- The Digital Future Program. WomenWork (2022)

## PROFESSIONAL WORK EXPERIENCE

**Co-Founder and Operations Manager:** *Nywele Nyumbani Limited*

**August 2020 –  Current**

**Key Responsibilities:**

- Plan and direct the day-to-day operations of the company
- Build and maintain customer relationships.
- Oversee business growth: expand the company's product offering, entering new markets and customer acquisition
- Manage and motivate stylists(acquisition, training, and developing)
- Pitching to investors and raising capital

**Achievements**

Oversaw the servicing of 400 + households since startup inception across 3 counties.

Managed a team of 32 mobile hairstylists and beauty technicians

Developed and maintained a successful marketing campaign that resulted in a 50% increase in social media traffic and a 10% increase in leads from out-of-country visitors (Uganda, Tanzania, and South Africa)

Identified a unique value proposition that helped the company revenue grow by 25%

Part of Konza Technopolis Innovation Challenge 2020  and Standard Chartered Women in Tech Cohort 5 Finalists

**Technical Intern:** *Amotech E.A Limited*

**September – November 2019**

**Key Responsibilities:**

- Conducted repair and calibration of electrical equipment
- Conducted research and gathered data on Electric vehicles in Kenya
- Conducted research and identified 20 potential customers for an existing product.


**Technical Intern:** *Octrinsic Technologies Limited*

**August – October 2018**

**Key Responsibilities:**

- Conducting research for health management software for data collection for a small clinic, specifically the maternal section
- Developed the  maternal  health data collection desktop application that was  integrated into an existing software

**Achievements**

Deployed the health management software to a small clinic in Sinai slum that caters to a population of 4000 individuals.

## COMMUNITY SERVICE & PERSONAL INTERESTS

**Community Service:**

1.   Mentor, Unilever Heroes for Change Programme (September 2018 – March 2019)

Educated 1897 primary school children (between the ages of 5 to 12) on the importance of oral health hygiene across 3 counties(Machakos, Kiambu, and Nairobi)

2.   Mentor, Safaricom Women in Technology Technovation Challenge (January – June 2019)

Mentored a team of 5 high school ladies from StateHouse Girls' Nairobi in identifying an existing problem that can be solved using technology, implementing the solution, and developing their leadership skills, and coaching them on pitch presentation.

## REFEREES


**Available on request.**