# **CURRICULUM VITAE**

# **PERSONAL DETAILS**

Name: CYDNEY CHELANGAT

Date of birth: 12/11/2003

Marital Status: Single

Nationality: Kenyan

Sex: Female

Email: cydneysang23@gmail.comPhone number: 0701670986Box: 271, Londiani.

**LANGUAGES:**

Kiswahili

English

**EDUCATION:**Londiani Girls PrimaryKenya Certificate of Primary EducationSacred Hill Girls High SchoolKenya Certificate of Secondary EducationDedan Kimathi University of TechnologyBachelor of Science in Business Information Technology

**Activities**Member of athletics club. Attend industry conferences and workshops on technologyAnd business integration. ynterests lie at the intersection of

# **SKILLS**

Programming Languages: Proficient in Java, Python, and SQL for software development and data analysis. Web Development: Familiar with HTML, CSS, and JavaScript for building interactive web applications. Database Management Systems: Experienced in MySQL and firebase for efficient data storage and retrieval. Machine Learning: Proficient in machine learning algorithms for training and testing models. Data Analysis and Visualization: Proficient with python libraries and Excel for analyzing and presenting data insights. Project Management Tools: Experienced in JIRA for efficient project planning and execution. Testing and Quality Assurance: Skilled in conducting thorough testing procedures to ensure software reliability and performance. Communication and Collaboration: Strong communication and teamwork abilities, with experience collaborating effectively in multidisciplinary teams. Problem-Solving: Excellent problemsolving skills with the ability to analyze complex issues and develop innovative solutions. Adaptability: Quick learner with the ability to adapt to new technologies and environments rapidly.**PROJECTS**

1. Academic Performance Prediction Application

As part of my fourth-year studies, I am undertaking a personal project focused on the Development of a Student Performance Prediction Application. Within this project, I take on the role of project lead, driving the design, development, and implementation of a predictive model aimed at forecasting student performance. Collaborating closely with a team of fellow students, I apply advanced machine learning algorithms and statistical analysis techniques to analyze academic data and extracurricular factors. Through this project, I aim to not only deepen my understanding of business information technology concepts but also contribute to the advancement of educational strategies and student support systems. This project serves as a culmination of my academic journey, allowing me to apply theoretical knowledge in a practical setting while honing my leadership and project management skills.

2. Salon Management System

Led a team of four students in the development of a web-based Salon Management System. Designed and implemented features for appointment scheduling, customer management, and inventory tracking. Utilized HTML, CSS, JavaScript, and PHP for frontend and backend development. Worked collaboratively to ensure the system met client requirements and delivered on time.

# **EXPERIENCE**

Dedan Kimathi University of Technology

Attachment

1.) Internal Attachment (Second Year of Study)

Engaged in hands-on learning experiences in networking, software development, and hardware fundamentals during the second year of my BBIT program. Participated in practical sessions covering topics such as network configuration, software design principles, and hardware components. Developed skills in troubleshooting network issues, writing code in various programming languages, and understanding hardware functionality. Applied theoretical knowledge gained in the classroom to real-world scenarios, enhancing my understanding of business information technology concepts.

# **OBJECTIVE**

A highly motivated BBIT degree holder seeking a challenging role in the field of Information Technology. Utilizing strong analytical and technical skills to provide innovative solutions and drive success for the organization.

# **INTRESTS**

My interests lie at the intersection of technology, business, and innovation. I have a passion for harnessing the power of information technology to drive business success and create solutions that address real-world issues.

# **REFERENCE**

Samwel Muchina - Dedan Kimathi University of Technology.Head of Department0721137412

# **MTAALA**

Jina: CYDNEY CHELANGATTarehe ya kuzaliwa: 12/11/2003

Hali Ya Ndoa: Mmoja

Utaifa: Mkenya

Jinsia: Mwanmake

Barua Pepe : cydneysang23@gmail.com

Nambari Ya Simu: 0701670986

Sanduku La Posta: 271, Londiani.

# **UJUZI**

Lugha za Programu: Ustadi katika Java, Python, Na SQL Kwa ukuzaji WA programu Na uchanganuzi WA data. Ukuzaji WA Wavuti: Unafahamu HTML, CSS, Na JavaScript Kwa ajili ya kujenga programu shirikishi za wavuti. Mifumo ya Usimamizi WA Hifadhidata: Uzoefu katika MySQL Na firebase Kwa uhifadhi bora WA data Na urejeshaji. Kujifunza Kwa Mashine: Ustadi katika kanuni za kujifunza mashine za miundo ya mafunzo Na majaribio. Uchanganuzi WA Data Na Taswira: Ustadi WA maktaba za python Na Excel Kwa kuchambua Na kuwasilisha maarifa ya data. Zana za Usimamizi WA Mradi: Uzoefu katika JIRA Kwa ajili ya kupanga Na kutekeleza mradi Kwa ufanisi. Majaribio Na Uhakikisho WA Ubora: Ustadi WA kufanya taratibu za upimaji WA kina Ili kuhakikisha kutegemewa Na Utendaji WA programu. Mawasiliano Na Ushirikiano: Uwezo thabiti WA Mawasiliano Na kazi ya pamoja, pamoja Na uzoefu wa kushirikiana Kwa ufanisi katika timu za fani mbalimbali. Utatuzi WA Matatizo: Ujuzi bora wa utatuzi wa shida na uwezo wa kuchanganua maswala magumu na kukuza suluhisho za kiubunifu. Kubadilika: Mwanafunzi wa haraka na uwezo wa kukabiliana na teknolojia mpya na mazingira kwa haraka.

# **MIRADI**

1. Matumizi ya Utabiri wa Utendaji wa KiakademiaKama sehemu ya masomo yangu ya mwaka wa nne, ninafanya mradi wa kibinafsi unaozingatiaUundaji wa Maombi ya Kutabiri Utendaji Kazi wa Mwanafunzi. Ndani ya mradi huu, I Kuchukua jukumu la kuongoza mradi, kuendesha muundo, maendeleo, na utekelezaji ya kielelezo cha ubashiri kinacholenga kutabiri ufaulu WA wanafunzi. Kushirikiana Kwa karibu Na timu ya wanafunzi wenzangu, Mimi hutumia kanuni za hali ya juu za kujifunza mashine Na mbinu za uchanganuzi wa takwimu za kuchanganua data za kitaaluma na za ziada Sababu. Kupitia mradi huu, ninalenga sio tu kuongeza uelewa wangu wa biashara dhana ya teknolojia ya habari lakini pia kuchangia katika maendeleo ya mikakati ya Elimu na mifumo ya usaidizi wa wanafunzi. Mradi huu unatumika Kama kilele cha safari yangu ya masomo, kuniruhusu kutumia maarifa ya kinadharia katika a mazingira ya vitendo huku nikiboresha ujuzi wangu wa uongozi na usimamizi wa mradi.2. Mfumo wa Usimamizi wa SaluniAliongoza timu ya wanafunzi wanne katika uundaji wa Usimamizi wa Salon unaotegemea wavutiMfumo.Vipengele vilivyoundwa na kutekelezwa kwa ratiba ya miadi, mtejausimamizi, na ufuatiliaji wa hesabu.Imetumika HTML, CSS, JavaScript, Na PHP Kwa ajili ya maendeleo ya mbele Na nyuma.Ilifanya kazi kwa ushirikiano Ili kuhakikisha mfumo unakidhi mahitaji ya mteja na kuwasilishwa kwa wakati

# **UZOEFU**

Chuo Kikuu cha Teknolojia cha Dedan KimathiKiambatisho1.) Kiambatisho cha Ndani (Mwaka WA Pili WA Mafunzo)Kujishughulisha Na uzoefu WA kujifunza Kwa vitendo katika mitandao, programuMaendeleo, Na misingi ya vifaa katika mwaka WA pili WA yanguMpango WA BBIT.Alishiriki katika vikao vya vitendo vinavyohusu mada kama vile mtandaoUsanidi, kanuni za muundo wa programu, na vipengele vya maunzi.Kukuza ujuzi katika kutatua matatizo ya mtandao, kuandika msimbo ndaniLugha mbalimbali za programu, na uelewa wa maunziUtendakazi.Umetumia maarifa ya kinadharia yaliyopatikana darasani kwa ulimwengu halisiMatukio, kuimarisha uelewa wangu WA maelezo ya biasharaDhana za teknolojia.

# **LENGO**

Mwenye shahada ya BBIT aliyehamasishwa Sana anayetafuta nafasi yenye changamoto katika uwanja wa Teknolojia ya Habari. Kutumia ujuzi dhabiti wa uchambuzi na kiufundi kutoaufumbuzi wa ubunifu na kuendesha mafanikio Kwa shirika.

**ELIMU**Londiani Girls PrimaryCheti cha Kenya cha Elimu ya MsingiShule ya Upili ya Wasichana ya Sacred HillCheti cha Kenya cha Elimu ya SekondariChuo Kikuu cha Teknolojia cha Dedan KimathiShahada ya Sayansi Katika Teknolojia ya Habari ya Biashara

**MASLAHI** Maslahi yangu yapo kwenye makutano ya teknolojia, biashara, Na uvumbuzi. Nina shauku ya kutumia nguvu ya teknolojia ya habari kuendesha biashara kufanikiwa Na kuunda masuluhisho ambayo yanashughulikia masuala ya ulimwengu WA kweli.

# **Shughuli**

- Mwanachama wa klabu ya riadha. - Hudhuria tasniaMikutano Na warsha juu ya teknolojiaNa ushirikiano WA biashara

# **REJEA**

Samwel Muchina - Chuo Kikuu cha Teknolojia cha Dedan KimathiMkuu wa Idara0721137412

# **KALENJIN**

Kainet: CYDNEY CHELANGAT  
Tare tab kutik: 12/11/2003  
Itiot ne boisionik: Mosaek  
Tilenget: MwaKenya  
Mwaaminik: Chepyoset  
Baru kap e-mail: cydneysang23@gmail.com  
Nambaab simit: 0701670986  
Sanduk tab posta: 271, Londiani.

# **NAET**

**Lughaab Programet:**   
Chebolet AP Java, Python, ak SQL kong’ koibutye kou chepyoset ak kotwaletab data.  
**Koibutye kou chepyosetab Iwoti:** Ngotetab HTML, CSS, ak JavaScript kong’ koibutye chepyosetab iwoti chi ng’otutik che kotwalit.  
**Koboret Ab Nelektaab Data:** Ngotetab MySQL ak Firebase kong’ koibutye keleptaab data chi kegetik ak koiboretech.  
**Kosom Kora:** Chebolet ap kosom koraab machine kou keleptaab ng’otutik ak makaa.  
**Kotwaletab Data ak Koitany:** Chebolet ap maktabaab Python ak Excel kong’ kou kotwalet ak koitany ab maanetab data.  
**Zaanitab Oboisyonetab Project:** Ngotetab JIRA kong’ kou chebosyon ak koboorisyechu ab project kityo.  
**Korot ak Koitochitab Koumi:** Chebolet ap korotab koumi ng’atutik kou koyetab koumi kityo kora.  
**Koyabeyot ak Koewekab Ketit:** Kokonech koyabeyotab koumi kora ak koboretech ng’otutik kityo.  
**Koitochitab Chepyoset:** Cheboletab koitochitab ng’otutik kora ak boisionik kong’ konyo taraktoech techutikab technology kemwa ak iwaitutik.

# **MIRAIT**

1. **Kogerechitab Kiptaiyat Ne Baat ne Kimwa Ak Chepyosetab Academy**  
   Kora, amite kou kobirechitab kiptaiyat ne kimwa ak kiptaiyatab chepyosetab ng’etuiyo asikopta ne kobirechitab year ne angwan. Amwa kora konyo kobirechitab project ne kesirwet kou koyetab kiptaiyat ne kimwa kora, kotwaletab ng’etuiyo, ak koiborechitab modelab kecheptaiyat ne kobaat amwa konyo konyit ab uikoi kou kiptaiyatab lagok. Amwa kora kou koboretech kou koyetab ng’otutik ak komiee koima bikab kogerechitab chepyosetab kochame lagok kora. Koteei kiptaiyat ne amwa konyo konyit kou konyo komiee lagok kou kimwa kiptaiyatab technology, kora konyit konyo kenyonetab ng’etuiyo kemwa kora kou konyit kou kobirechitab kiptaiyatab lagok. Amwa kora kou kiptaiyat nemwochi ne konyo konyit kou kobirechitab ng’etuiyo ne kobirechitab kou kiptaiyat ne komiee lagok kora kou kotwaletab project kityo.
2. **Kobirechitab Kiptaiyatab Salon ne Keoret Ne Chii Kainetab Iwoti**  
   Akengei ng’otutik kou komiee lagok ne boisyonik kou kiptaiyatab Salon ne keoret chii kainetab iwoti. Ne kipait kou koyetab appointment ne boisyonik kora kou managementab customers, kora kou koitaanik inventory. Amwa kou koborechitab kiptaiyat nemwochi kora kou koitaanik HTML, CSS, JavaScript, ak PHP kou koiboretech kou keegei kityo. Kora amwa kou koboretech kou kiptaiyat nemwochi kora kou kora keegei konyo konyit negeet kou kiptaiyatab lagok kora konyo kokoraet ng’etuiyo kityo.

# **KEGECH**

**Chuo Kikuu cha Teknolojia cha Dedan Kimathi**  
**Kiambatisho**  
1.) **Kiambatishoab Ngotetab Ibootab Keminchaab Baisek (Mwaketab Koketenyo Kou Koyin)** Amwa kou kobirechitab kegech ne kebire kou komiee kou konyit ne kobirechitab kou network, koiboretech chepyoset, ak keotetab kootab baisek kora kou konyitab kou BBIT. Amwa kou kobirechitab ne kobotet kou koyetab komiee kou konyit netai ne kobirechitab kou kou makaa netai koiboretech chepyosetab network, kipaitab chepyoset ne konyo konyit, ak keotetab baisek. Amwa kou koborechitab chepyoset kou konyit ne konyo konyit network, koegaishektaab chepyoset kou ng’etuiyo chitutikab kou konyit ne kobotet kou kiptaiyatab kootab technology kityo. Kora amwa kou koboretech kou konyit ne konyo konyitab technology kou kiptaiyatab business, kora kou amwa kou kobirechitab kou komiee technology kityo kou kiptaiyat ne komiee ng’etuiyo kityo.

**KOMWOGIET**  
Mwaaminik ne kokore kou koiboretech kou BBIT ak kiptaiyat ne kobire kou kiptaiyat ne lakini kou komwochi kou kootab Technology ab koumi. Amwa kou koborechitab chepyosetab koitany ak kiptaiyat ne koboretech ng’etuiyo kityo kou koiboretech kiptaiyat ne lakini kora kou kogerechitab konyitab kiptaiyat kou kipkosi.

**KEGEEDET**  
**Londiani Girls Primary**  
Chetiitab Kenya kou Kegemiatab Eng’ Aeng’  
**Sacred Hill Girls High School**  
Chetiitab Kenya kou Kegemiatab Sekondari  
**Chuo Kikuu cha Teknolojia cha Dedan Kimathi**  
Shahadiitab Kogosiek kou Technology ab Koumiab Bikap Kapkoruok

**MAING'OTIET**  
Amun kora kou kiptaiyat ne kimwochi kou kotwaletab technology, koumi, ak kigerech. Amwa kou koborechitab boisionik kou technology ab koumi kityo konyo konyitab kiptaiyatab koumi kora kou kobirechitab ng’etuiyo kityo kou koigoon echotonik ab sigik kora kou konyit kou technology ab koumi kityo.

# **KOREKET**

* Mwekabetab klubitab racing.
* Koat koikoi kou koibirechitab chitutik ak warsa kou technology ak koigoorisiekab koumi.

**KORIBWONIK**  
**Samwel Muchina** - **Chuo Kikuu cha Teknolojia cha Dedan Kimathi**  
Mwaameetab Koriot  
0721137412