Tony Nahra

Cell: (319) 775-5199 | email: tony-nahra@uiowa.edu | Web: tonynahra.github.io

SKILLS

Summary: 25 years experience developing software, managing systems, reporting, planning, evaluating and budgeting
Technologies: Epic systems, MS SQL, PowerBI, ETL, OLAP, OCI, AWS, XML, HTML5, Web Services, Excel, Access, SharePoint
Programming Languages: Python, Pandas, Tableau, C#, JavaScript, PHP, SQL, VBA, Office365 Add-ins, APEX

PROFESSIONAL EXPERIENCE

UI Health Care: CCA division   **Jul. 2023 – Present**
Coralville, Iowa, 52241, USA
Application Developer

Application development and administration of various systems:
- Epic Unified Communication
- Voalte administration
- MS Teams and Sharepoint
- Message Media
- Securitas RTLS

Member of two governance groups: MS-Teams and Message Media

Patient Education Institute   **Jul. 2001 – June 2023**
Coralville, Iowa, 52241, USA
Senior Analyst Programmer

Interactive Tutorial Engine/Player with LMS integration:
- Designed and developed a tutorial player with voice narration, questions, feedback, glossary, scoring features and multilingual capabilities to improve learning outcomes and increase user engagement
- Database Driven LMS with completion records, response analysis and usage reporting
- Worked with major healthcare institutions: NLM, Kaiser Permanente, Cleveland Clinic, HCA and others
- Managed projects across continents and in different languages
- Generated training material and plans

Abu Dhabi Investment Authority   **Feb. 1994 – Jun. 2001**
Abu Dhabi, U.A.E.
IT Education Consultant

Financial systems data analysis:
- Assisted financial analysts build models, data warehouse, OLAP and drill down
- Automated tasks and consolidated data from Reuters, Bloomberg and other sources
- Generated periodic reports, statistical regression, back-testing, and time-series seasonality analysis

CERTIFICATION

Epic Systems	**EpicCare Inpatient Clinical Documentation**	**Oct 2024**
Epic Systems	**Data Courier Mover Badge**	**Nov 2024**
Oracle University	**AI vector search certified professional**	**May 2025**

EDUCATION

American University of Beirut	**Beirut, Lebanon**	**Aug 1988**
Bachelor of Engineering	Electrical Engineering	

More details and sample projects at **https://tonynahra.github.io/cv**

Screenshots of sample projects that I designed and developed

mySql (that does not support PIVOT function) query for cross tabulation

```sql
2    SELECT
3      TOP 100 PERCENT Specialties.SPName AS Specialty,
4      SUM( CASE WHEN module_info.Lang = 1 THEN 1 ELSE 0 END ) AS English,
5      SUM( CASE WHEN module_info.Lang = 2 THEN 1 ELSE 0 END ) AS Spanish,
6      SUM( CASE WHEN module_info.Lang = 3 THEN 1 ELSE 0 END ) AS Arabic,
7      SUM( CASE WHEN module_info.Lang = 4 THEN 1 ELSE 0 END ) AS Vietnamese
8    FROM
9      LicensedModules
10     INNER JOIN Module_Info ON LicensedModules.ModuleID = Module_Info.ModuleID
11     INNER JOIN Specialties ON LicensedModules.Specialty = Specialties.SP
12     INNER JOIN Module_Language ON Module_Info.Lang = Module_Language.Indx
13   WHERE LicensedModules.ClientID = 91
14   GROUP BY
15     Specialties.SPName,
16     Specialties.Type,
17     Module_Info.Status
18   HAVING
19     Specialties.Type = 1 AND Module_Info.Status = 2
20   ORDER BY
21     Specialty
```

```sql
2    ALTER PROCEDURE [CP_Survey_Analysis]
3    @ClientID smallint,
4    @ModID varchar(10),
5    @d1 smalldatetime,
6    @d2 smalldatetime AS
7    SELECT
8      TOP 100 PERCENT Activity_Responses.QuestionNumber,
9      Activity_Responses.UserResponse,
10     COUNT(Activity_Responses.Indx) AS cnt,
11     Module_Questions.Text AS Question,
12     Module_Answers.Text AS Reply,
13     Log_Activity.ClientID
14   FROM
15     Activity_Responses
16     INNER JOIN Log_Activity ON Activity_Responses.ActivityIndex = Log_Activity.Indx
17     INNER JOIN Module_Info ON Log_Activity.ModuleID = Module_Info.ModuleID
18     INNER JOIN Module_Questions ON Activity_Responses.QuestionNumber = Module_Questions.Qcode
19     AND Module_Info.ModuleCODE = Module_Questions.ModuleCode
20     INNER JOIN Module_Answers ON Activity_Responses.QuestionNumber = Module_Answers.Qcode
21     AND Activity_Responses.UserResponse = Module_Answers.Answer
22     AND Module_Info.ModuleCODE = Module_Answers.ModuleCode
23   WHERE
24     Activity_Responses.DT BETWEEN @d1 AND @d2
25   GROUP BY
26     Activity_Responses.QuestionNumber,
27     Activity_Responses.UserResponse,
28     Module_Info.ModuleCODE,
29     Module_Questions.Text,
30     Module_Answers.Text,
31     Log_Activity.ClientID
32   HAVING
33     Log_Activity.ClientID = @ClientID
34     AND Module_Info.ModuleCODE = @ModID
35   ORDER BY
36     Activity_Responses.QuestionNumber,
37     Activity_Responses.UserResponse
```

Database export to XML for a MedlinePlus static website project

MedlinePlus: Interactive Health Tutorials - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://www.nlm.nih.gov/medlineplus/tutorial.html Go Links »

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español

Interactive Health Tutorials

The tutorials listed below are interactive health education resources from the Patient Education Institute. Using animated graphics each tutorial explains a procedure or condition in easy-to-read language. You can also listen to the tutorial.

NOTE: These tutorials require a special Flash plug-in, version 4 or above. If you do not have Flash, you will be prompted to obtain a free download of the software before you start the tutorial.

Diseases and Conditions
- Abdominal Aortic Aneurysm
- Acne
- Allergies to House Dust Mites
- Alopecia
- Amyotrophic Lateral Sclerosis (ALS)
- Angina
- Anthrax
- Asthma
- Arrhythmias
- Arthritis
- Atrial Fibrillation
- Back Pain
- Brain Cancer
- Bells Palsy
- Breast Cancer
- Burns

Tests and Diagnostic Procedures
- Barium Enema
- Bone Densitometry
- Breast Lump - Biopsy
- Colonoscopy
- Colposcopy
- Coronary Angiography and Angioplasty
- CT Scan (CAT Scan)
- Cystoscopy
- Diagnostic Laparoscopy
- Echocardiogram
- Echocardiography Stress Test
- Intravenous Pyelogram (IVP)
- Knee Arthroscopy
- Mammogram
- MRI
- Myelogram

Trusted sites

Start 4 Messenger 4 Windows E... 12 Intern

X-Plain Online

Account Edit Specialty Modules Offline Promotions Views Tools

Path: root

- Addiction Medicine
- Advance Directives
- Alternative Medicine
- Anesthesia
- Angiography
- Audiology
- Cardiac Rehabilitation
- Cardiac Surgery

Create Pin

Select Favorites List
Select Frequently Used

Module Updates
Account Modifications

Manage Offline Files

Email Reviewer

Generate Offline Files

```xml
<lesson>
  <info>
    <Title>Diabetes &#45; Eye Complications</Title>
    <Author>Diabetes &#45; Eye Complications</Author>
    <Published>08/30/2004</Published>
    <PassScore>60</PassScore>
    <Language>English</Language>
    <ModuleID>db019105</ModuleID>
    <folder>diabetes/db010105</folder>
    <AutoAdvance>-</AutoAdvance>
    <RevDate>11/29/2012</RevDate>
  </info>
  <s f="1_0" p="s"  t="6" s="Introduction" />
  <s f="1_1" p="o"  t="9" />
  <s f="1_2" p="o"  t="9" />
  <s f="1_3" p="o"  t="9" />
  <s f="2_1" p="s"  t="2" s="How the Eye Works" />
  <s f="2_2" p="o"  t="6" />
  <s f="2_3" p="o"  t="5" />
  <s f="2_4" p="o"  t="7" />
  <s f="2_5" p="o"  t="5" />
```

Diabetes - Conteo de carbohidratos

- Introducción
- Alimentación
- Carbohidratos
- Cómo contarlos
- Fibras
- Plan de 1500
- Plan de 1800
- Plan de 2000
- Conclusión

¿Cuáles de los siguientes grupos de el mayor impacto en el nivel de azúca

1 Carbohidratos.

2 Grasas y aceites.

3 Proteínas.

Incorrecto. Los carbohidratos afect más los niveles de azúcar en sang comparación con las grasas y los a

Slide 9 of 120

Salir Créditos Volumen Repetir

accionado por la X-Plain

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وسائط متعددة

★★★★★ 4.2 (13 الأصوات)

- عرض توضيحي ألف
- عرض توضيحي صوت
- اختبر معلوماتك / اختبار قصير
- نسخة كاملة للطباعة

Chickenpox

الاختصاص
- الأمراض المعدية
- الأمراض الجلدية

المزيد
- للوقاية والعلاج في الإسلام
- الحديث
- الماء والطاقة للجسم
- الماء أهمية للجسم

أعضاء الجسم المتعلقة
- الجهاز المناعي
- الجلد والشعر والأظافر
- جلد

أجهزة الجسم
- الجهاز الجلدي
- الجهاز الجهاز

The Patient Education Institute

جُدري الماء

جُدريّ الماء مرضٌ شديدُ العدوى، يسبّبه فيروسُ الجُدَريّ، ويسبّبُ طفحاً جلدياً يُشبه الحُويصلاتِ مع حكّة وتعب وحُمّى.

NATIONAL LIBRARY OF MEDICINE

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- Omusujja gw'ensiri: kye ki?
- Obubonero n'obujanjabi
- Okuzilyiza
- Mubufunze
- Fuluma

Omusujja gw'ensiri

English

EDOBOZI
0% 100%

Omukko 1 ogwa 28

TANDIKA

EPICCARE INPATIENT CLINICAL DOCUMENTATION

Epic is pleased to present this certificate to

Tony Nahra

in

EPICCARE INPATIENT CLINICAL DOCUMENTATION

Training Status
CERTIFIED - VERONA
Version
2024 Versions
Awarded on
OCTOBER 26, 2024

JUDITH R. FAULKNER
CARL DVORAK

Epic

ORACLE University

Oracle Certified Professional
Certificate of Recognition

ORACLE Certified Professional

Tony Nahra

Oracle AI Vector Search Certified Professional

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

May 02, 2025
Date

Damien Carey
Senior Vice President, Oracle University

Linked in Learning

Putting ITIL® into Practice: Problem Management Techniques

Course completed by Tony Nahra
Apr 25, 2025 at 09:06PM UTC

Top skills covered

(IT Service Management)   (Problem Management)

Head of Global Content, Learning

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Linked in Learning

Complete Guide to Power BI for Data Analysts by Microsoft Press

Course completed by Tony Nahra
Apr 12, 2025 at 03:25AM UTC · 7 hours 14 minutes

Top skills covered

(Data Analysis)   (Microsoft Power BI)

Head of Global Content, Learning

Linked in Learning

Power BI Data Modeling with DAX

Course completed by Tony Nahra
Apr 10, 2025 at 06:19PM UTC · 1 hour 22 minutes

Top skills covered

(Data Modeling)

Head of Global Content, Learning

Linked in Learning

Hands-On Data Science using SQL, Tableau, Python, and Spark

Course completed by Tony Nahra
Apr 10, 2025 at 07:56PM UTC · 1 hour 13 minutes

Top skills covered

(Tableau)   (Python (Programming Language))   (SQL)

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Linked in Learning

SQL for Data Analysis

Course completed by Tony Nahra
Apr 11, 2025 at 02:51PM UTC · 1 hour 10 minutes

Top skills covered

(Data Analysis)   (SQL)

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Linked in Learning

Power BI for Finance

Course completed by Tony Nahra
Apr 09, 2025 at 10:43PM UTC · 2 hours 18 minutes

Top skills covered

(Trend Analysis)   (Financial Modeling)   (Microsoft Power BI)

Head of Global Content, Learning

Linked in Learning

Python Data Analysis

Course completed by Tony Nahra
Apr 11, 2025 at 08:16PM UTC · 3 hours 43 minutes

Top skills covered

(Data Analysis)   (Statistical Data Analysis)   (Python (Programming Language))

Head of Global Content, Learning

Linked in Learning

Advanced BigQuery

Course completed by Tony Nahra
Apr 13, 2025 at 09:49PM UTC · 2 hours 14 minutes

Top skills covered

(Google BigQuery)

Head of Global Content, Learning

Linked in Learning

Implementing a Data Warehouse with SQL Server 2022

Course completed by Tony Nahra
Apr 14, 2025 at 02:22AM UTC · 2 hours 36 minutes

Top skills covered

(Data Warehousing)   (Microsoft SQL Server)

Head of Global Content, Learning

Linked in Learning

Customer Service: Serving Internal Customers

Course completed by Tony Nahra
Nov 07, 2024 at 05:57PM UTC · 51 minutes

Top skills covered

(Internal Customers)   (Customer Service)

Head of Global Content, Learning