

## **Taylor Horne**

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### **EDUCATION**

**University of Pittsburgh: May 2020 - Present**

**Perusing Doctor of Philosophy in Rehabilitation Science, Health Informatics**

Expected Graduation: December 2023

**University of Pittsburgh: August 2017- December 2019**

Master of Science in Health Informatics, Data Science

3.799

**University of Pittsburgh: August 2015- May 2017**

Bachelor of Science in Health Information Management

Magna Cum Lauda

### **EXPERIENCE**

**UPCI Clinical Research Services at UPMCCC Operations Research Associate- Data Analyst II**

**March 2020 – Present**

- Lead many projects that are critical to allowing physician leaders to manage their staff, allow senior leadership to see data trends in community network.
- Independently executed job functions related to protocol management: design, develop, and maintenance of databases and updates.
- Design data tracking and monitoring tools through excel and PowerBI
  - Special Projects: all-encompassing community disease center dashboard 2018-2020 data (Physician summary, disease center, summary, and patient summary) 2020 fiscal accrual analysis and dashboard, physician performance dashboard

**University of Pittsburgh Health Information Management Teaching Assistant**

**August 2020- December 2020**

**University of Pittsburgh Health Information Management Instructor**

**August 2019- December 2019**

- Taught undergraduate SHRS HIM program core classes: Introduction to Health Information Management Class, Introduction to Health Information Management Lab, Introduction to Medical terminology, pathophysiology & pharmacology.

**UPMC Oncology Data Specialist: Specialize in Breast and Gyn**

**June 2017- July 2019**

- Maintain a follow up success rate of at least 90% for cases abstracted in a five-year timeframe, 80% for entire database.
- Maintain minimally, in accordance with the Pennsylvania Department of Health standard, a data quality level of at least 97% for data items reviewed.
- Perform other functions and tasks required to maintain a current and accurate database and stay in compliance with the requirements of UPMC, ACOS, (JCAHO)
- Timely and complete abstracting reviewing at the required standard that is dependent on the annual caseload.
- Abstract and code core clinical data using appropriate classifications systems; analyze medical records according to published guidelines and requirements of: ACOS, JCAHO, SEER

**Server, Host, and Cashier; Eat n' Park, Bethel Park, Pennsylvania**

**September 2009-November 2020**

## INTERNSHIPS

Internship at Watson Institute, Special Education School: January 2017 -May 2017

Jefferson Hospital, Health Information Management Department: January 2016 -April 2017

## PROJECTS

### **Machine Learning Independent Study: August 2019-Decemeber 2019**

- In depth application and use of Supervised and Unsupervised learning algorithms, later on applied in Database Design Independent Study

### **Database Design Independent Study: August 2019-Decemeber 2019**

- Acted as a member of SHRS Datacenter development team. Goal: Implement a data center (for SHRS) where students can access datasets and test different ML algorithms for data student projects. Worked with developers in planning for and allocating different database system's requirements, user-friendliness, and design.

### **Design/Developing Database Application Project: April 2019**

- Comprise phases of the SDL in the creation of a Pharmacist Alert for Medications Causing Adverse Effects

### **90 Hour Project: March 2017**

- Systematic Review: Privacy and Security Best Practice Guidelines with Social Media and Professionalism

### **Epidemiology Research Proposal Project April 2017:**

- Hidden Dangers of Mobile Devices

### **Quality Project: April 2016**

- Excelsa Health Westmoreland Hospital: Creation of Evaluation Tool for Sepsis Screening

### **20 Hour Project: November 2016**

- Cancer Registry: Formal Analysis, State of Telecommunication

## Certifications

Collaborative Institutional Training Initiative: Conflicts of Interest	12 March 2020,11 March 2024
Collaborative Institutional Training Initiative: Clinical Research Coordinator	13 March 2020,13 March 2023
Collaborative Institutional Training Initiative: Good Clinical Practice	16 March 2020,16 March 2023
Collaborative Institutional Training Initiative: Biomedical Human Subjects Research	11 March 2020,10 March 2024
Collaborative Institutional Training Initiative: Information Privacy and Security	12 March 2020,11 March 2023
Collaborative Institutional Training Initiative: Responsible Conduct Research	13 March 2020,12 March 2023
UPMC Foundations to Practice: Oncology Emergencies and Advanced Cancer Issues	02 October 2020
UPMC Foundations to Practice: Overview of Solid Tumors	11 September 2020
UPMC Foundations to Practice: Pathophysiology of Cancer, Cancer Treatment Modalities	01 September 2020
UPMC Foundations to Practice: System Management of Patients with Cancer	17 September 2020
UPMC Foundations to Practice: Hematological Malignancies	06 October 2020
UPMC Clinical Research Services Educational Series	08 August 2020
UPMC Infectious Substance Shipping Course	04 March 2021
LinkedIn Learning: Advanced Microsoft Power BI	04 November 2020
LinkedIn Learning: Data Visualization for Data Analyst and Analytics	05 November 2020
LinkedIn Learning: Relational Databases Essential Training	30 October 2020

