Angela Baltes

Curriculum Vitae

EDUCATION

01/2021	Doctor of Philosophy, Biomedical Informatics Rutgers University, Newark, NJ
05/2014	Master of Science, Information Technology Azusa Pacific University, Azusa, CA
12/2012	Master of Public Administration University of New Mexico, Albuquerque, NM
12/2008	Bachelor of Arts, Criminology University of New Mexico, Albuquerque, NM

EMPLOYMENT

2019-Pres **Institutional Researcher**

University of New Mexico, Office of Institutional Analytics, Albuquerque, NM

Description: Provided analytical expertise to the university influencing initiatives, strategic planning and resource alignment. Worked on a collaborative team of researchers that developed interactive tools to aid in transparency and leveraged actionable data for dissemination.

2019-2020 **Data Science Intern**

Office of The Director of National Intelligence, Albuquerque, NM

Description: Worked on a team of data scientists to develop effective visualizations to generate insight from datasets.

2017-2018 Senior Data Analyst

RESPEC/DataBasis, Albuquerque, NM

Description: Designed geolocation tools from combined datasets to provide visual and quantitative assessments of patient disparities.

2018-2018 **Health Informatics Intern**

Centers for Disease Control and Prevention, Albuquerque, NM

Description: Optimized digital metrics code base to influence decision making and make recommendations at an enterprise level. The goal was to disseminate information in an effective manner to patrons seeking health information from The CDC.

2016-2017 Quality Analyst

Lovelace Medical Center, Albuquerque, NM

Description: Performed quality process improvement regarding infectious disease and hospital operations to implement solutions and evaluate the effectiveness of interventions.

2015-2016 Health Data Analyst

Innovative Oncology Business Solutions, Albuquerque, NM

Description: Delivered tools that were essential to improve the value in data mining and reporting to inform the status of business, oncology research, patient utilization and cost of care.

2014-2015 Reporting Analyst

The Kemtah Group, Albuquerque, NM

Delivered analyses that were necessary in meeting performance metrics and providing actionable information to improve processes. Participated in collaborative activities for continuous improvement and value discovery.

2013-2014 **Data Analyst**

Joerns Healthcare, Chatsworth, CA

Description: Developed data-driven solutions and reports that provided status of delivered medical equipment, performance metrics, and customer satisfaction. Monitored sensitive information and provided quality assurance.

2004-2010 Student Intern

Sandia National Laboratories, Albuquerque, NM

Description: Provided analyses, technical support, and software engineering expertise as a student employee to several departments within Sandia National Laboratories.

HONORS/AWARDS

2016 **Scholarship Award**

Alice L. Haltom Educational Fund

2008 Scholarship Award

Sallie Mae Educational Fund

2008 National Scholarship Award

American Criminal Justice Association

2007 Honor Society

Alpha Kappa Delta Honor Society Induction

2006 Scholarship Award

National Science Foundation

CERTIFICATES

2019	Machine Learning Nanodegree Udacity
2019	Data Scientist Nanodegree Udacity
2019	Complete Python Bootcamp Udemy
2019	Learning Python for Data Analysis <i>Udemy</i>
2019	NLP Natural Language Processing with Python <i>Udemy</i>
2019	Data Analysis with Python Cognitive Class
2019	Disease Clusters Coursera
2019	Python for Data Science and Machine Learning <i>Udemy</i>
2019	Six Sigma Green Belt Specialization Coursera
2019	AI for Everyone Coursera
2019	Epidemiology for Public Health Specialization <i>Coursera</i>
2018	Epidemiology: The Basic Science of Public Health <i>Coursera</i>
2015	Certified Quality Process Analyst American Society for Quality

RESEARCH/PROJECTS

2016-Pres Analyzing Cardiac Medical Devices with a Machine Learning Approach

This project seeks to leverage information contained within unstructured clinical text of medical device failures to develop a machine learning approach for proper identification

and classification of cardiac failures.

PUBLICATIONS

2016 Dooling D, Kim A, McAneny B, et al. **Personalized Prognostic Models for Oncology:**

A Machine Learning Approach. 2016;:1–28.http://arxiv.org/abs/1606.07369

PROFESSIONAL AFFILIATIONS

2018-Pres Association for Computing Machinery

Membership ID: 6220607

2017-Pres American Medical Informatics Association

Membership ID: 173936

2015-Pres American Society for Quality

Membership ID: 65264125

INTERESTS/SKILLS

Machine Learning, Natural Managed Care, Clinical Language Processing, Statistical Operations, Clinical Research

Modeling

R, Python, SQL, MySQL, Public Health Informatics,

SQLite, TeraData Surveillance

Advanced Analytics, Data Visualization, Text Mining,

Geoanalytics

Data Mining, Big Data