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.

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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**
Udemy

2019 **NLP Natural Language Processing with Python**
Udemy

2019 **Data Analysis with Python**
Cognitive Class

2019 **Disease Clusters**
Coursera

2019 **Python for Data Science and Machine Learning**
Udemy

2019 **Six Sigma Green Belt Specialization**
Coursera

2019 **AI for Everyone**
Coursera

2019 **Epidemiology for Public Health Specialization**
Coursera

2018 **Epidemiology: The Basic Science of Public Health**
Coursera

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 Language Processing, Statistical Modeling

R, Python, SQL, MySQL, SQLite, TeraData

Managed Care, Clinical Operations, Clinical Research

Public Health Informatics, Surveillance

Advanced Analytics, Data Visualization, Text Mining, Geoanalytics

Data Mining, Big Data