

ANNA FUNSTEN

Data Scientist and Analyst

Washington, DC | alfunsten@gmail.com | 301-580-9175

SUMMARY

Creative and insightful data analyst with enthusiasm for research and public health. Trained and practiced as a pediatric nurse practitioner with a deep knowledge in disease processes and strong communication skills with patients and co-workers. Natural intuition to interpret, problem solve and visualize data.

SKILLS

- **PROGRAMING LANGUAGES:** Python, Numpy, Pandas, and Sklearn, knowledge of SQL, Pytest, Spark, C++, SPSS, and R
- **MACHINE LEARNING:** regression, classification, clustering, feature engineering, NLP, bayesian statistics, forecasting, PCA, recommender systems, neural networks
- **DATA VISUALIZATION:** Matplotlib, Seaborn, Plotly, knowledge of Tableau
- **EMR:** eClinicalWorks, Greenway Health EHR and Epic EMR

EXPERIENCE

GENERAL ASSEMBLY

WASHINGTON, DC

Data Science Immersive

March 2021 - June 2021

- Acquired extensive data cleaning, analysis, programming and machine learning skills through 40 hour week classes and 20+ hours of assignments outside of class
- Accurately completed 19 data driven labs and 5 projects addressing solutions to machine learning research questions
- Successfully presented engaging data driven analysis of projects to cohort
- Excelled in a final capstone project that used a neural network image classification model to successfully identify ear infection images from not infected eardrum images

MCKNIGHT PEDIATRICS

WASHINGTON, DC

Advanced Practice Nurse

Aug 2020 - Feb 2021

- Managed 15-20 personalized care plans for sick and well children ages 0-21 with comprehensive evaluations
- Performed thorough well child exam for newborns, school physicals, sport physicals and pre-operative evaluations that included a physical assessment, medication management and preventive healthcare guidance.
- Conducted telehealth medical consultation for children daily
- Diagnosed, managed and educated children and families in regard to the COVID-19 pandemic

HINSDALE PEDIATRIC ASSOCIATES

CHICAGO, IL

Advanced Practice Nurse

March 2019 - March 2020

- Cared for 25+ sick patient encounters a day with precise diagnostic skills
- Actively individualized care plans for each client by acknowledging past medical history and chronic conditions
- Readily followed up with ill children and abnormal lab results through subsequent visit or telephone encounter
- Provided families with supplemental reading containing information on anticipatory guidance/disease management
- Completed thorough charts of patient encounters within 24 hours of visit

LINCOLN PEDIATRIC CENTER**Advanced Practice Nurse****CHICAGO, IL****Oct 2017 - March 2019**

- Independently managed pediatric center when main physician is not present through patient encounters, patient consultation calls, and scheduling appointments
- Efficiently worked in a busy pediatric clinic seeing on average 4 patients an hour
- Oriented, mentored, precepted, and reviewed medical students
- Managed children with chronic or complex illnesses while collaborating with specialty providers

UNIVERSITY OF MICHIGAN HEALTH SYSTEM**Strong Military Families, Research Assistant****ANN ARBOR, MI****May 2014 – Aug 2015**

- Administered and documented baseline and post study behavior
- Improved child behavior through relationship development and implementation of activities designed by the child team leader
- Tabulated, standardized, and analyzed data using SPSS and Excel to isolate effectiveness of the program

EDUCATION

GENERAL ASSEMBLY**Data Science Immersive****WASHINGTON, DC****March 2021 - June 2021****VANDERBILT UNIVERSITY****MSN-Pediatric Nurse Practitioner-Primary Care****NASHVILLE, TN****Aug 2015 - Aug 2017****UNIVERSITY OF MICHIGAN****College of Literature, Science, and the Arts****BS in Biopsychology, Cognition, and Neuroscience
with a minor in Applied Statistics****ANN ARBOR, MI****Sept 2011 - May 2015****LICENSES AND CERTIFICATIONS**

Advanced Practice Nurse and Registered Professional Nurse

Maryland Board of Nursing

DC Board of Nursing

Virginia Board of Nursing

Certified Pediatric Nurse Practitioner- Primary Care (CPNP-PC)

Pediatric Nursing Certification Board

Pediatric Advanced Life Support

American Heart Association

Basic Life Support for Healthcare Providers

American Heart Association