ANNA FUNSTEN
Data Scientist and Analyst
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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   **CHICAGO, IL**
Advanced Practice Nurse   **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   **ANN ARBOR, MI**
Strong Military Families, Research Assistant   **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   **WASHINGTON, DC**
Data Science Immersive   **March 2021 - Present**

VANDERBILT UNIVERSITY   **NASHVILLE, TN**
MSN-Pediatric Nurse Practitioner-Primary Care   **Aug 2015 - Aug 2017**

UNIVERSITY OF MICHIGAN   **ANN ARBOR, MI**
College of Literature, Science, and the Arts   **Sept 2011 - May 2015**
BS in Biopsychology, Cognition, and Neuroscience
with a minor in Applied Statistics

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