

# Nathan Berryhill

Certified Health Data Analyst

## EXPERIENCE

### Austin State Hospital, Austin, TX

#### Data Analyst II, May 2021 - Present

- Performed routine data analysis and data research associated with health information management and technology.
- Conducted detailed analysis of and extensive research on data and provided results using EMR and Access databases to improve performance, processes, and quality of care.

#### Admin Assistant IV, Aug 2020 - May 2021

- Performed advanced administrative support work associated with health information management and technology.
- Compiled and edited data for charts, graphs, and databases, and prepared summary reports for The Joint Commission compliance.
- Facilitated the creation and management of more than 750 network and clinical workstation accounts used by doctors, nurses, and other staff.

#### Admin Assistant II, Jan 2020 - Aug 2020

- Coordinated approval and payment of all invoices and obligations owed by the hospital within 30 days in compliance with the Prompt Payment Act.
- Maintained manual and electronic filing systems and assisted with inventory and receiving.

### Texas Senate, Austin, TX

#### Legislative Support, Feb 2019 - Aug 2019

- Supported Lt. Governor, Secretary of the Senate, Journal Clerk, and 31 Senators during session and on the Senate Floor.
- Coordinated and fielded written testimony for 16 Senate Committees.
- Ensured delivery of interagency mail to over 60 offices in and around the Texas Capitol Complex.

### The University of Texas at Austin

#### Peer Research Mentor, Lab Manager, Jan 2017 - Dec 2018

- Participated as a Summer Research Fellow and completed over 250 hours of research with an emphasis on data analysis.
- Authored detailed reports and data analysis on weekly and biweekly experiments.
- Graded lab reports and notebooks and provided feedback to students.
- Ordered, organized, and logged inventory of over 150 chemicals and laboratory consumables.

#### TIP Scholars Lead Peer Mentor, Aug 2016 - May 2018

- Supervised 10 freshmen mentees with their transition to college by fostering academic excellence and intellectual investment.
- Engaged students and 90 other mentors with presentations focused on various university resources.
- Wrote material for and facilitated weekly and biweekly meetings with supervisor and other mentors.

## EDUCATION

### Texas Tech University Health Sciences Center

#### Master of Science in Healthcare Administration

AUG 2021 - DEC 2022

### The University of Texas at Austin

#### Bachelor of Science in Mathematics

AUG 2015 - DEC 2018

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for web version

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## SKILLS

Data Analysis. Complex technical problem solving. Computer programming. Report writing in Crystal Reports and Microsoft Access. Public speaking.

## LANGUAGES

*Human:* Native English, Intermediate Spanish

*Computer Programming:* Python3, SQL, PowerShell, JavaScript, HTML/CSS, R, PHP

## AWARDS

### Austin State Hospital

- Hospital Hero, 2022
- Employee of the Year, 2021
- Employee of the Month, Sep 2021

## PROFESSIONAL ACTIVITIES

American Health Information Management Association  
Member, 2021-Present

American Association of Notaries  
Member, 2017-2021

## PUBLICATIONS

**Combination of two analytical techniques improves wine classification by Vineyard, Region, and vintage - *Food Chemistry*, Aug 2021**

Conducted data analysis to accurately classify Pinot Noir wines according to vineyard, region, and vintage year using differential sensing and untargeted NMR to capture distinct chemical signatures.