

Matthew Kingsbury
matt@mattkingsbury.com

Education:

- West Virginia University**, Morgantown, WV August 2017 – April 2018
M.S. – Business Data Analytics – Incomplete (due to relocation to Utah for a job opportunity)
- West Virginia University**, Morgantown, WV January 2014-May 2016
Bachelor of Science in Business Administration of Management Information Systems – *Cum Laude*
- Shenandoah Conservatory**, Winchester, VA August 2012-May 2013
M.M. Orchestral Performance (Trombone & Euphonium) – Incomplete (due to career change)
- West Virginia University**, Morgantown, WV August 2008-May 2012
Bachelor of Music Education – *Cum Laude*

Software & Technical Skills:

Programming Languages: Python, SQL, R, Shell (Bash, KSH, etc.)
Database Systems: MS Access, MS SQL Server, MySQL/MariaDB, Oracle, PostgreSQL, SQLite
Operating Systems: *Nix(RHEL, Ubuntu/Debian, AIX, CentOS, Arch), Windows, macOS
IDE: Atom, Jupyter Notebooks, PyCharm, Visual Studio
Visualization: Tableau, Power BI, Matplotlib (Python)
VCS: Git
Project Tracking: Jira

Work Experience:

- Database Analyst** December 2017 – Present
University of Utah Health, Salt Lake City, UT
- Determine hardware and software requirements for data warehouse
 - Analyze data structure, perform data integrity checks, and architect a schema for easy data retrieval
 - Create ETL processes for a variety of data sources using a combination of Python and SQL
 - Gather requirements from researchers and statisticians
 - Communicate with external entities to negotiate the acquisition of data for research purposes
 - Create visualizations of data with Tableau, Power BI, and Matplotlib (Python)
- IT Consultant, Software Engineer, Owner** January 2016 – Present
Cornyhorse, LLC, Salt Lake City, UT
- Provisioning Linux servers and designing custom data pipelines with Python that integrate a variety of API endpoints and/or perform web scraping Python which can run 24/7
 - Database Architecture and ETL processes
 - Create visualizations and dashboards
 - Install and configure clients' operating systems and peripheral equipment
- Co-Founder, Chief Developer/Engineer** March 2018-Present
TromboneChat.com, Salt Lake City, UT
- Creation of the phpBB website, including all add-ons and site customizations/themes
 - Maintenance and upgrade of all backend utilities such as the PHP language, MySQL, phpBB, and the Apache webserver in addition to maintaining the SSL certificates.

Work Experience (continued):

Business Optimization Strategist

January 2017-December 2017

WVU Medicine, Morgantown, WV

- Designed and implemented visualizations using Tableau
- Analyzed clinical, claims, financial and other healthcare data from disparate sources (Oracle, SQL Server, SAS, PostgreSQL) using Python, R, and SQL
- Streamlined data reporting processes with MS Access and VBA forms

Database Administrator

March 2015-January 2017

West Virginia University, Morgantown, WV

- Patched and upgraded Oracle databases
- Analyzed and troubleshoot Oracle database and Linux operating system issues
- Converted, upgraded, and maintained legacy databases and applications
- Created and maintained an RDP/VNC virtual host for Linux clients
- Wrote business reports, memos, and technical documentation

Volunteer Work:

High Street Jazz Band, Morgantown, WV

January 2009-December-2017

Co-Founder, Trombonist

- Performed in schools in the greater Appalachian region to generate interest in American art forms, particularly traditional jazz.

Associations:

West Virginia University Management Information Systems Club

Vice President: May 2015-May 2016